

GOVERNMENT OF INDIA
DEPARTMENT OF ARCHAEOLOGY
CENTRAL ARCHAEOLOGICAL
LIBRARY

CLASS _____

CALL No. 891.05 I. A.

D.G.A 79.

1

2

THE
INDIAN ANTIQUARY - VJ. 51
A JOURNAL OF ORIENTAL RESEARCH

IN
ARCHÆOLOGY, EPIGRAPHY, ETHNOLOGY, GEOGRAPHY, HISTORY, FOLKLORE, LANGUAGES,
LITERATURE, NUMISMATICS, PHILOSOPHY, RELIGION, &c., &c.,

EDITED BY

SIR RICHARD CARNAC TEMPLE, BART., C.B., C.I.E., F.S.A.,

HON. FELLOW, TRIN. HALL, CAMBRIDGE,
FORMERLY LIEUT.-COLONEL, INDIAN ARMY,

AND

PROF. DEVADATTA RAMKRISHNA BHANDARKAR, M.A.

VOL. LI.—1922.



BOMBAY:

PRINTED AND PUBLISHED AT THE BRITISH INDIA PRESS, MAZGAON.

LONDON:

BERNARD QUARITCH, LIMITED, 11 GRAFTON STREET,
NEW BOND STREET, W.

[All Rights Reserved.]

**CENTRAL ARCHAEOLOGICAL
LIBRARY, NEW DELHI.**

Acc. No. 5820

Date..... 3/4/57

Call No. 891.051.4-A

1) New order 308K Co. Himeculad on 7/3737 - to. - 1- for 51 vol.

1) New order 308K Co. Hime pulled on 7/3737 - to. - 1- for 51 vol.

MISCELLANEA.

PAGE.

Origin of the Swelling Dome, by K. A. C. Creswell	79
Note on one of the Amaravati Sculptures in the Colombo Museum, by the late E. K. Ayrton, Archaeo-logical Commissioner, Anuradhapura, by Sir R. C. Temple	111
Lost historical papers relating to Ceylon, by Sir R. C. Temple	131
Multiple Origin of Technical and Commercial terms, by Sir R. C. Temple	221
On some passages in the Harsacarita of Bana, by Sita Nath Pradhan	242

NOTES AND QUERIES.

Notes from Old Factory Records, by Sir R. C. Temple	60, 132, 152, 184, 204, 224
-------------------------------------------------------------	-----------------------------

BOOK-NOTICES.

Epigraphia Birmanica, vol. II, pt. I, by Chas. Duroiselle, by Sir R. C. Temple	40
Epigraphia Birmanica, vol. II, pt. II, by Chas. Duroiselle, by Sir R. C. Temple	132
Annals of the Bhandarkar Institute, vol. II, pt. 2, by Sir R. C. Temple	40
A Chant of Mystics and Other Poems, by Ameen Rihani, by Sir R. C. Temple	57
An Arabic History of Gujarat, vol. II, by Sir E. Denison Ross, by Sir R. C. Temple	80
Astronomical Instruments in the Delhi Museum, by G. R. Kaye, by Sir R. C. Temple	132
Ancient India, by Prof. U. N. Ball, M.A., by Sir R. C. Temple	148
List of Inscriptions found in Burma, by Chas. Duroiselle, by Sir R. C. Temple	164
The Decline and Fall of the Hindus, by S. B. Mukerjee, Bar.-at-law, by Prof. D. R. Bhandarkar	204
Report on the Terminology and Classifications of Grammar, by Sir R. C. Temple	204
Linguistic Studies from the Himalayas, by the Revd. T. Grahame Bailey, by Sir R. C. Temple	222
Djāwā, by M. J. B.	243
Studies in Parsi History, by Shahpurshah Hormasji Hodiwalla, by Sir R. C. Temple	244

SUPPLEMENTS.

Geographical Dictionary of Ancient and Mediaeval India, by Nundolal Dey, M.A., B.L.	79, 87, 95, 103, 111
The Story of Hir and Ranjha, by Waris Shah, 1776 A.D., by C. F. Usborne	33, 41, 49, 57
Dictionary of the South Andaman Languages, by Edward Horace Man, C.I.E.	165, 173

PLATES.

Plate—India Office Sanskrit MS. No. 1106, 13-A, Plates 1 and 2	to face pp. 16, 21
Plates VIII, IX, X, XI, XII and XIII in South Andaman Dictionary Appendices, facing pp. 168, 172, 174, 188, 189	

THE INDIAN ANTIQUARY

A JOURNAL OF ORIENTAL RESEARCH

VOLUME LI—1922

SIVAJI'S RAID UPON SURAT IN 1664.

By WILLIAM FOSTER, C.I.E.

(Continued from Vol. L, p. 321.)

II.

The Dutch factory was in the southern part of the city,⁷ not far from the castle. They had occupied it since 1616, previous to which it had been rented by the English (*Factory Records, Surat*, Vol. 84, Part I, fol. 69). The Directeur, Dirck van Adriehem, had at his disposal a far smaller number of Europeans than Oxenden and was compelled therefore to adopt a more cautious policy, standing strictly on the defensive. He and his companions had, however, a very anxious time, mainly owing to the danger to their building from the conflagration that raged around them. A fairly long account of their experiences will be found in the *Dagh-Register, Batavia*, 1664 (p. 195), based upon advices from Surat, written in the middle of March; and a still fuller one is contained in *Hague Transcripts* (at the India Office), series I, Vol. XXVII, No. 719.⁸ This is a copy of the Surat Factory Diary for those eventful days; and, as it has not hitherto appeared in English, a translation (somewhat condensed) is given below, the original spelling in the case of names of persons and places being adhered to, but the dates being altered from New to Old Style, to correspond with those in the English narratives.

"5 January (Tuesday). About nine o'clock in the morning, while we were busy over the unloading of the *Haarlem*, came tidings that the Governor, Anaïetchan, had been advised from Gandivie that last night had suddenly arrived there a great commander, who refused to disclose his name but declared that he was the Emperor's servant and was bound for Amadabath. He had with him a force of eight to ten thousand soldiers, horse and foot, and from the talk of his own men it was gleaned that he was the redoubtable Sivagie. We paid little attention to the rumour; but soon the intelligence was confirmed, and many of the inhabitants began to flee, after hastily collecting their belongings.

"The Directeur was told that the English President had asked the Governor's permission to withdraw to Swally,⁹ but the latter had angrily refused, saying that if the English and the Dutch forsook the city at this crisis no one would remain. This continuance of bad news made us anxious, especially as the *Leerdam's* cargo was for the most part in the Company's warehouse. The

⁷ 'In the centre of this division [the *Dareh Khân chaklo*], behind the Desâipol street, is the *Walandân kothi*, or Dutch building. This is the site of the Dutch lodge or factory, for long the best built and healthiest house in Surat. Even the ruins of the old house have been carried off. The only relics of its former splendour are an underground chamber and the basin of the fountain.'—(*Bombay Gazetteer*, vol. II, p. 307.)

⁸ See also the account given by Valentyn in his *Oud en Nieuw Oost-Indien* (Book IV, part II, p. 265), which is obviously derived from the same source.

⁹ There seems to have been no foundation for this rumour.

Directeur dispatched the junior merchant Vollert to the customhouse, with orders to reship in the *Haarlem* the goods not yet brought to the factory and to bring up two small guns from that vessel. He also considered it advisable to ask permission from the Governor to send his wife and children on board for safety; but on going to the house of that functionary, accompanied by the senior merchant Abraham Hartman, he found him absent, engaged in placing scouts round the city, breaking down bridges (though the water channels were mostly dry), and placing cannon in various places; so the message was entrusted to the broker Kissendas [Kisun Dâs]. Meanwhile the Directeur visited the house of the [English] President, where he found everyone busily engaged in putting the place in a condition for defence.

"On his return Kissendas communicated to him the Governor's answer, which was similar to that given to the English President, except that the Governor had said in a desponding manner that we and the English ought to assist him in this extremity. Since it was his duty to protect both his own people and strangers, his reasons for refusing so moderate a request seemed trivial. As the danger appeared to be increasing, we engaged from 50 to 60 Moor soldiers to assist in the defence of the Company's property. We were lucky to be able to secure these, though at more than the usual rates. With the ordinary house servants they made up a body of about 80 men, well armed with bows and arrows, swords, and pikes. For greater security an express was sent to Conraedt Roermondt, directing him to furnish from the *Leerdam* 15 seamen, with cutlasses and muskets. Eight free Europeans offered their services; and, with these we mustered about 40 Europeans.

"As the day wore on, the enemy drew nearer and the number of fugitives increased. The Directeur decided, in spite of the Governor's prohibition, to send all the women on board the *Macassar*, which, with the little *Amsterdam*, had embarked the goods, and had gone, together with the *Haarlem*, to lie off the castle landing stairs. This was effected before dark, and the Captain, Pieter Willemsz, was ordered to lie in the middle of the river and watch for signals from the factory, to direct his departure for Swally. The Directeur now divided his force into three watches, and dispatched letters to Amadabath acquainting the Dutch there with what had occurred.

"6 (*Wednesday*). In the early morning the mate of the *Leerdam* arrived to report that his boat with 15 sailors was in the river. News came that Siewagie and his army were approaching Oudena [Udhna], about 4½ Dutch miles from Surat. We understood that the Governor, Enajetehan, had sent one of his chief servants thither to demand of the stranger, since he gave out that he was a servant of the Emperor and had been summoned by Mobetehan [Mahâbat Khân] to put down a rising in Pattan,¹⁰ but had been delayed on the way, that he should not approach any nearer to Surat, as suspicion of his intentions had already dispeopled the city. This message so irritated the rebel that he sent no reply, but kept the bringer of it a prisoner. Two servants of the Dutch, sent to glean intelligence,

¹⁰ In the *Dagh-Register* (*ut supra*) the rising is stated to have been headed by Prince 'Supper Secour,' i. e., Sipihri Shikoh, son of Dâra Shikoh. Professor Jadunath Sarkar, in his *History of Aurangzib* (Vol. III, p. 28), says that 'a false Dara Shukoh appeared in Gujrat in August, 1663'; but the Dutch story is the more probable, seeing that Dâra was known to be dead, whilst his son was still alive, although a prisoner.

were likewise seized, but they were released towards evening and returned, bringing news that the invader was certainly Siwagie, for one of them had seen him before at Ragiapoer.

"About seven o'clock the sailors from the *Leerdam* were brought into the factory, and two guns from the *Macassar* were placed in position. Some piece-goods from Broach, which were lying on the *maidân*, were also carried in, without waiting for permission from the Governor. Messages were sent to the weavers and dyers to bring to the factory any cloth they had belonging to the Company and this they did in great haste and confusion.

"Whilst we were thus engaged, the English President Oxenden about ten o'clock came marching over the green, past the castle, and then by our factory. He had with him a goodly number of Englishmen. as, fortunately for him, there were two ships from England lying at Swally, besides four or five smaller vessels for local trade. He took the occasion to pay a visit to the Directeur, and showed himself so full of spirit and so confident, because of his 200 Englishmen (in addition to the Moor sailors), that he declared himself ready to attack Siwagie, should he approach the English factory.

"Our Directeur replied that on his part he meant to stand on the defensive and do nothing unless attacked. in which case he and his companions would resist to the death. At the close of the interview a report came that the enemy was approaching the gates of the city; and shortly after the President's departure (about midday) this was confirmed. Thereupon the Directeur signalled to the ships to depart for Swally Hole.

"No sooner had we closed the gates of the factory and repaired to the roof than we saw flames burst out with great fury in the middle of the city. Some of the robber's troops made their way, quite unopposed, to the custom house and there found plenty of booty. The Governor, though the commander of 1000 horse and charged with the duty of defending the city, took refuge in the castle, with his suite and 100 horsemen (all that he had of the aforesaid number) as the principal inhabitants had already done, though, if they had had the presence of mind to do so, they might, by hiring a few Moor soldiers, have defended their houses and saved their goods. Thus the whole city was left as a prey to burning and pillage. The robbers, finding themselves nowhere opposed, had the boldness this evening to come close up to the castle, the guns of which did them no harm, while inflicting considerable damage on the city itself. During the first watch of the night the firing continued very briskly. The thieves could be heard all round the factory, calling to one another and breaking into the houses; but the conflagration did not seem to increase perceptibly.

"7 (*Thursday*). Early in the day came an emissary from Siwagie, in the person of Nicolaes Calostrâ, a Greek merchant who lived in Surat, accompanied by a horseman. The Greek was admitted and told us in Portuguese that he had been dragged out of his house and had been ordered to tell the Dutch and English Chiefs that Surat had been given to Sivaji by Prince Siasousa [Shâh Shuja], who was now living with him: that he needed money to maintain his army: and that unless they gave him some (the amount not being specified), the whole city would be burnt. This pretext was obviously false, it being well known that the Prince had died three years ago in Arracan,

" The Directeur sent in reply a message that we were merchants and did not keep our money idle ; therefore we had but little in hand, and could not place any at his service ; if, however, a little broadcloth or spices would be acceptable, we should be pleased to make him a present of some. The Greek was further charged to tell Siwagie that, since he had never injured our Company at Wingurla, but on the contrary had treated our factors there very well, we trusted that we should receive equal consideration from him here, and that we were merely endeavouring to protect our property against any who might, without his knowledge, have designs against us. All this the Greek undertook to deliver in the most persuasive way and to let the Directeur know the result ; and after drinking a glass of wine he took his departure.

" No sooner had we finished our midday meal than an alarm was given ; but our two guns placed at the door of the factory, intimidated the would-be marauders. About one o'clock the conflagration burst out afresh, principally in the northern and eastern parts of the city, and the flames spread so rapidly that our destruction appeared imminent ; but God was merciful, and a change of the wind from east to north stopped the fire about a musketshot from our factory. Understanding that the English had made sorties in various directions, we sent a few lines to their President, inquiring as to the truth of this and asking what reply had been made to Siwagie's demands, at the same time stating what we had done in the matter, and adding that what we most feared was the fire. The bearer was the Company's waterman, who, looking like a beggar, had no difficulty in passing through the enemy. He brought a reply that the President meant to hold out till the last : that two or three sorties had been made, in which two of the rogues and a horse had been killed and two more taken prisoners. As the conflagration seemed to be increasing again, it was determined to pull down the thatch of part of the factory ; and as a precaution against attack we built barricades of goods inside the gates.

" The king's *wákiahnavís* [intelligencer], who had taken refuge in the castle, wrote to the Directeur, asking that certain chests in his house (hard by ours) might be fetched into our factory for safety ; but this was refused, it being his business to look after his own property, and moreover, if we complied with his wishes, he might hold us responsible for their loss, should the factory be burnt. Our anxiety was increased by the fact that the *Macassar* and her consort had been delayed in their departure by having to wait for the tide to turn, and there were strong rumours that forty of Siwagie's frigates were in the river and were seizing all shipping.

" Happily, however, before dark our fears were allayed by the arrival of a note from Signor Roermont, announcing that our vessels had reached Swally Hole in safety. We were still uneasy because the Greek had not returned with an account of Souwagie's reception of our answer ; and the more so because Signor Roermont had sent us word that he was dispatching the *Macassar* to us again with four or five seamen and a supply of lead and hand grenades.

" During the first watch of the night the fires continued burning fiercely round us in a semicircle, and there was a great noise of musketry and drums, mingled with yells and groans. We were thankful, however, to find that the rascals appeared to be so much afraid of us that they kept as far as possible out of our sight.

"8January. About six o'clock in the morning came an alarm, but as before, it proved false. While we were at dinner, the Captain of the castle sent as *ervant* with an offer of *ammunition*, which was gladly accepted. At this time the conflagration seemed to be abating, and, as the tumult was also dying down, we concluded that the robbers were preparing for departure. Rumour said that an order to this effect had been issued by *Snagie*, who was encamped about two *kos* outside Surat, having for his own use merely a 'semiaen' [awning], while none of his officers possessed a tent. The camp was crowded with *mazûrs* [carriers] and oxen to carry away the plunder; and every rider had a spare horse. In short it was evidently but a temporary camp.

"To ascertain the truth, the Directeur sent out a peon, who had volunteered his services, entrusting to him also a note for the English President, acquainting him how things went with us, and giving him the news received from Swally. Later in the day a reply was received, in which it was suggested that, should *Swagie* make another demand upon us, we should answer that we and the English were pledged to stand by one another. To this proposal we returned no reply, not wishing to bind ourselves. We also learnt that Antony Smidth had been captured by the marauders and carried to *Swagie*, but had had the good fortune to be taken for a menial servant (being badly dressed) and so released for a ransom, carrying a message to the English threatening an attack if they did not give satisfaction. The French Capuchin Fathers had taken refuge in the English factory. They sent word that Mons. Duguede had been with *Swagie* and had reported on his return that the answers by us and the English to the rebel's demands had much enraged him.

"The reason why the Greek had brought us no reply was that on his way back he had been wounded by some of the rascals and had sought refuge in the English house, which was nearer than ours. Our spy on his return reported that he had been through the whole of the city and had seen several parties of robbers, five or six in each. In the house of the Company's broker *Kissendas* and in that of his neighbour, the Banian *Zom Zom*, standing about a musket shot from our factory, he found 50 to 60 marauders pulling down everything. The dwelling of the famous merchant *Wiergewora* [*Virji Vora*] was in ashes, and the same fate had befallen that of *Suwadrae* and innumerable others, few of the great houses having escaped spoliation. He had been outside the city to the camp and had seen *Siwagie* sitting there with only a 'pael' [*pāl*, tent-sheet] over his head and no 'canaets' [*kanâts*, side walls of a tent], his men continually arriving with booty, which they laid before him. He put by the gold and silver and the best of the goods, and distributed the rest among the bystanders. The peon was unable, owing to the crowd, to find out whether the camp was about to be moved. It extended from the 'Pemsische¹¹ graven' [tombs] to the Princess *Saha Begem's*¹² garden, and contained not a single tent.

"The *Macassar* having now arrived from Swally and anchored close to the castle the four sailors and the ammunition she brought came safely to our house. Towards evening the Marauders were busy again, and the fires burst out into fresh violence.

¹¹ Possibly the original had 'Perzische' = Persian

¹² The *Sâhib-Begam*, i.e. the Princess *Jahânâra*. The position of her garden is indicated by the suburb known as *Begampura*, on the eastern side of the city.

"9 (*Saturday*). We kept vigilantly on guard all night, as the uproar continued and thieves were prowling round the factory. However, all we could see in the moonlight were the miserable inhabitants fleeing before the flames. The Kotwâl's brother came out of the castle with 40 soldiers, and a trumpeter sent from the Captain to the Directeur, proposing that we should send out some of our men, as the English had done, to assist in driving away the marauders. Reply was made that we had no men to spare, that it was the Governor's business to clear the city, and that we were determined to remain on the defensive.

"About eleven o'clock came a rumour that the 'Bielpaars Raadja'¹³ and the Governor of Broach were marching to the relief of the city with a strong force. The conflagration was now very violent around us, and we gave up hope of our factory escaping destruction, concluding that our only course was to take refuge in one of our small vessels. We had collected our books and papers for this purpose, when God was pleased to send again a change of wind, which saved us.

"The English President being unable, owing to the smoke, to see from his house whether our flag was still flying, and fearing we were in extremities, sent his servant to the Directeur to offer assistance. We thanked him heartily, but said we hoped by God's help to save ourselves. All through the day and the night we watched vigilantly.

"10 (*Sunday*). In the morning it was reported that Swagie's forces, with their booty, had left the town and marched away. This was confirmed by a peon who was sent out to report, and also by some servants dispatched by the English President with his greetings to the Directeur, who returned a suitable reply.

"The goods from the *Leerdam*, which had been stored in a warehouse near the custom house and on which no duty had yet been paid were removed to our factory, with the intention of disputing the payment of any customs for them, seeing that the Governor had so shamefully failed to protect us. A letter from Signor Wagensvelt at Brotschia [Broach], dated the 8th instant, apprised us that many fugitives had arrived there: that the Duke 'Suberdescham',¹⁴ with a large force, was marching to the relief of Surat: and that 'Mirfetta' [Mir Fateh] was to follow. Had they started earlier, they might have prevented much of the destruction that has taken place.

"11 (*Monday*). It was now evident that Swagie had really departed,¹⁵ for the inhabitants were coming out of their hiding places, only to find in most cases that their houses had been burnt to the ground. Half of this important city has been laid in ashes. Besides the English and Dutch factories, and the new *sarâi* (in which some Armenian and Turkish merchants were lodging), there were not ten houses which offered any resistance and thus escaped spoliation.

"Had Hagia Sjasbeecq [Hâji Zâhid Beg] and Virgia Wora been willing to spend three or four thousand rupees on peons, they might have been able to save their dwellings and thus have avoided an immense loss. The house of the Company's broker, Kistendaes, with all its contents, was destroyed. The Ethiopian ambassador, who, according to report, was lodging in the old *sarâi* and was about to start for Delhi, was taken prisoner and carried to Swagie, but was released on giving up the presents he had brought for the Emperor, these being the only things of value he possessed."

¹³ In the *Bombay Gazetteer* (Vol. I, pt. I, p. 284), the Chief of Belpâr is mentioned as one of those who marched to the relief of Surat. 'Belpâr' appears to be Bhilâpâr, about 12 miles south of Baroda.

¹⁴ Sûbadâr Khân ? Mahâbat Khân, the Sûbadâr of Gujarât, is evidently intended.

¹⁵ The *Dagh-Register* (*loc. cit.*) says that he left a rearguard of four to five hundred horse, who soon after departed as well.

VACHANAS ATTRIBUTED TO BASAVA.

TRANSLATED BY RAO SAHIB P. G. HALKATTI, M.L.C.

[BASAVA was a leader of the Vira Saiva or Liṅgāyat sect in the middle of the twelfth century, and probably was its founder. The sect has produced a large and varied literature, chiefly in Sanskrit, Kanarese and Telugu. The *Vachanas* are brief practical utterances in Kanarese prose, some expository, many hortatory, written by the early leaders. Rao Sahib P. G. Halkatti has translated a large number of those attributed to Basava into English. From these Dr. J. N. Farquhar has made a selection, and has prepared the MS. for the press.

The sect is noteworthy in several respects. They are called Vira Śaivas, because they are staunch Śaivas, recognizing no god but Śiva. They are called Liṅgāyats, because each member of the sect wears a small *liṅga* in a reliquary hung from his neck, and uses this *liṅga* in his daily worship. The Jaṅgama *guru* and the monastery play a great part in Liṅgāyat life. Bhakti and morality are deeply emphasized in the practice of the sect. Spiritual progress has six stages :—

1. Bhakti Devotion.
2. Maheśa Divine Power.
3. Prasāda Grace.
4. Prāṇaliṅga The Liṅga in the Life.
5. Śaraṇa Self-surrender.
6. Aikya Oneness with Śiva.

The *Vachanas* here translated, expounding, as they do, each of these stages in turn throw a good deal of light on the beliefs of the sect.

The question whether these *Vachanas* are actually the work of Basava or not has never been settled; and certainty can scarcely be attained until all the utterances attributed to him have been critically examined from the point of view of language as well as history. But there is one passage in these selections of special interest in relation to the question; for we can scarcely believe it to have been written by any one but Basava: see number 5, under Prasāda. Further, the vigorous good sense and the fresh moral outlook of many of these utterances give the impression of a mind of originality and power such as the founder's must have been.]

State I : Bhakti : Devotion.

A. Seek Liberation from Worldliness.

1. I appear in all the splendour of a full moon, but alas! this Rahu of wordliness has encompassed and swallowed me up completely. To-day there has been an eclipse of my body. Oh, when shall I be released, O Kudalasaṅgama Deva¹?

2. Oh, when shall these worldly troubles cease? Oh, when shall I have realization? Oh, when will it be? When will it be. O Kudalasaṅgama Deva? When shall I be in the highest joy? Oh, when shall I be?

3. Alas, like an oyster-shell in the sea, I am lying with my mouth opened. Oh, see there is no one but Thou that can't know me. Behold, there is none else; only Thou can't take me within Thee, O Kudalasaṅgama Deva.

¹ *Saṅgama* is the Sanskrit word for the point where two rivers meet. At Kudalasaṅgama, in the Southern Maratha country, there is a temple to Śiva. The author of these utterances addresses Śiva as the God of this temple.

B. *Destroy Egoism.*

1. My life is bearing the burden of a hungry stomach, and says, "How is it to-day? How will it be to-morrow?" It feels no disgust that it has come **through** so many births already, nor has it planned how to obtain liberation hereafter. Alas, this egoism never allows me to meditate upon God with constancy, and has killed me, O Kudalasaṅgama Deva.

2. When I try to meditate upon one thing, egoism makes me meditate upon another. If I turn this way, it turns me that way. It makes me weep, and torments me. It makes me weary, and torments me. If I say, I will join with Kudalasaṅgama Deva, it confounds my way, this my egoism.

3. Alas! you all go riding an elephant. Alas! you go anointing yourselves with saffron and musk. Alas! you go riding a horse. But alas! you do not understand the place of truth. Alas! you turn aside from sowing and reaping the fruits of virtue. Alas! you are entangled in the three states, and go riding an elephant in rut called pride, and so spoil yourselves. Alas, through not knowing our Kudalasaṅgama Deva, you become subject to hell.

4. When egoism has occupied your mind, where will the Liṅga be? Hence you should not give room to egoism, but should be Liṅga-bodied. If you be without egoism, Kudalasaṅgama Deva will remain within you.

C. *Seek the Protection of God.*

1. The sea swells up at the rise of the full moon; but it ebbs when the moon wanes. When Rahu tries to swallow the moon, does the sea shout and rush up? Or, when the sage was drinking up the sea, did the moon stop him? There is no helper for any one; there is no friend for the distressed. Only Thou, O God, art the friend of the world, O Kudalasaṅgama Deva.

2. When the fire is burning on the hearth, there is standing-room left; but if the whole earth catches fire, one can find no standing-room. If the dam drinks up the water in the tank; if the hedge eats up the crops in the garden; if the woman steals in her own house; if the mother poisons the milk and kills the child; alas, to whom shall I complain, O Kudalasaṅgama Deva?

3. Alas, it has happened to me as to a frog that seeks protection from a serpent. Alas! alas! this life is false, and is passing fruitlessly away. O Creator, Kudalasaṅgama Deva, free me from this state, and protect me, O Lord.

4. What is comparable with devotion towards God? O, how shall I obtain godly behaviour? I am tied down with the bonds of lust, anger, greed, passion, pride and jealousy. I am boiling in thirst, hunger and passions. The five senses and the seven fluids have made me a frying pan, and are tormenting me. Hear my cry, O Kudalasaṅgama Deva.

5. Take from me and cast away my covetousness, lust, fierceness, falseness, sensuality, cunning, dissimulation, anger, meanness and lying; for they hinder me from approaching Thee, O Kudalasaṅgama Deva.

6. Destructive weeds have grown in uncultivated soil. They do not allow me to understand, nor do they allow me to awake. Root out these weeds of wickedness and protect me, O Father Liṅga. There I shall plough and cultivate, O Kudalasaṅgama Deva.

7. Oh, do not spread before me the green leaves of temptation. What does the heart know of them? It is tempted to them as being green leaves. But, O Kudalasaṅgama Deva, make me void of temptation; feed me to the full with the food of faith; pour water of good knowledge upon me; and thus care for me and protect me.

8. Make me an insignificant parrot in this human forest, and then make me repeat 'God,' 'God,' and so protect me. Place me in a cage of faith, and so protect me, O Kudalasaṅgama Deva.

9. O Father, make me a lame man, that I may not walk hither and thither. O Father, make me a blind man, that I may not see how to wander and turn away. O Father, make me a deaf man, that I may not hear anything. So keep me that I may not be drawn to any other temptation than the feet of Thy servants, O Kudalasaṅgama Deva.

10. Ah, do not say, "Who are you?" "Who are you?" "Who are you?" but say, "You are mine," "You are mine," "You are mine." Regard me as a son in Thy house, O Kudalasaṅgama Deva.

11. If, after creating me in this world, saying, "Be born," Thou wert to thrust me aside, how the people would laugh at Thee! O keep me in the path of God. O God, I am purposeless! Ah, show me the way. I keep crying and crying. O faithful companions of God, hear me: Kudalasaṅgama Deva is tormenting me.

12. Alas! alas! O God, Thou hast not the slightest pity for me. Alas! alas! O God, Thou hast not the slightest mercy for me. Why did'st Thou create me, who am far away from the other world? Why did'st Thou create me, O Kudalasaṅgama Deva? O hear me: were there no trees and shrubs for me?

13. Thou wast pleased with Arjuna who drove the sharp arrow into Thee; but Thou did'st burn Cupid who shot the flowery arrow at Thee. Thou did'st take that Virādha to Kailas who slew Day and Night. Then why dost Thou not want me, O Kudalasaṅgama Deva?

14. If Thou art angry with me, will it not suffice if Thou dost once scold me? Alas alas! Should'st Thou sell me to Cupid? Is it proper that Thou should'st sell Thine own people to Thine enemies and surrender them, O Kudalasaṅgama Deva?

15. If Thou art pleased, even dry wood will sprout. If Thou art pleased, the barren cow will yield milk. If Thou art pleased, poison will become nectar. If Thou art pleased, all that is desired will come, O Kudalasaṅgama Deva.

16. Does Mount Meru consider the qualities of a crow? Does Parusha² consider the qualities of iron? Does a fragrant flower consider the qualities of the wicked man that wears it? Does a sandalwood tree consider the qualities of the neighbouring trees? O Liṅga, replete with all excellent virtues, should'st Thou mind my evil qualities, O Kudalasaṅgama Deva?

17. Oh, my faults are crores innumerable, but Thy patience is immeasurable. If I err, only Thy feet are my salvation. To this, Kinnari Brahmayya³ is witness before Thy Pramathas,⁴ O Kudalasaṅgama Deva.

D. *Be Virtuous.*

1. O consider, if iron cannot remain iron after contact with Parusha, then one should not have mean qualities after contact with Liṅga; for the servants of our Kudalasaṅgama Deva should possess no other qualities than His.

2. You can see Liṅga in the mirror of a devotee's face. That Kudalasaṅgama Deva, who has as His body the body of His devotee, that all-pervading One is lying in heaps in the midst of the words of the devotee.

3. Why do you propose to mend the crookedness of the world? First, correct your own body. First, correct your own mind. Our Kudalasaṅgama Deva is not pleased with those who shout about the errors of their neighbours.

² The philosopher's stone.

³ One of the companions of Basava.

⁴ These are angels or ministers attendant on Śiva.

4. Desire for wealth cannot cease, and anger cannot subside. As long as you cannot give up cruelty, insincerity and evil words, where are you, and where is Liṅga ? Get you hence, madman ! So long as you cannot get rid of this darkness, this disease of worldliness, where is Kudalasaṅgama Deva, and where are you, O madman ?

5. Is there, or is there no Lord of the house within ? Grass has grown over the threshold, and dust has filled the house ; is there, or is there no Lord of the house within ? Falsehood has filled the body, and sensual passions have filled the mind. The Lord of the house is not there, O Kudalasaṅgama Deva.

6. Are what we call God's world and the mortal world to be found anywhere else ? There are innumerable worlds in this very world ! Yes, godly conduct is God's world ; the spot where God's devotee lives is verily God's world ; ay. God's devotee's yard is verily Benares ; his very body itself is Kailas⁶ ! That is true, O Kudalasaṅgama Deva.

7. Do not steal. Do not kill. Do not lie. Be not angry. Have no contempt for others. This is internal purity. This is external purity. This is the way to please our Kudalasaṅgama Deva.

E. *Speak the Truth.*

1. My brothers, behold, what are called the divine world and the mortal world are not far away. To speak the truth is the divine world, and to utter a lie is the mortal world. Good conduct is the divine world, and bad conduct is hell. For this Thou Thyself art our authority, O Kudalasaṅgama Deva.

2. What can a sword do, when its edge is gone ? What can a serpent do, when its poison is gone ? What can a devotee do, when he has broken his word ? When he has broken his word, if he loves his life, consider : it is like sacred food touched by a dog.

3. If you inquire what the true path of a servant is, it is to speak the truth and to behave as he speaks. Kudalasaṅgama Deva desires not that worldly man who lies in speech and errs in behaviour.

F. *Be Merciful.*

1. What is that religion wherein there is no mercy ? It is merey that is wanted for all creatures. It is merey that is the root of religion. Kudalasaṅgama Deva wants not that which is unmerciful.

2. You should look upon all creatures as yourself. If there be difference in this, even to the smallest extent, will God fail to see it and to throw you away ? If I make a difference as between high and low, how can God be pleased ? If you look upon all lives and souls as equals, will not God make Himself one with you ? If you show mercy to all living creatures, believing that wherever there is life there is God, will not Kudalasaṅgama Deva come down from Kailas and carry you up ?

3. Ah, I cannot kill animals, nor can I eat their flesh as a titbit for my tongue⁶ ; for I know I should have difficulties hereafter, O Kudalasaṅgama Deva.

G. *Be not Angry.*

1. If people condemn you behind your back, rejoice when you hear of it. Why so ? Because they find pleasure without taking anything from you and without giving anything to you. O Kudalasaṅgama Deva, crush hatred of others out of my heart, and favour me, so that I may constantly say to Thy servants : " I submit, I submit."

⁵ Śiva's heaven.

⁶ Vira Śaivas are strict vegetarians.

2. Why should you be angry with those who are angry with you ? What do they gain, or what do you lose ? Anger in the body causes you loss of dignity. Anger in the mind causes you loss of knowledge. Will fire in a house burn the neighbouring house without first burning its own house, O Kudalasaṅgama Deva ?

3. Some of us were stabbed and yet became devotees; others were reviled, and yet became devotees. But I got angry with the servants of Kudalasaṅgama Deva and lost half my faith.

4. If I see people talking sixteen to the dozen, glaring with their eyes, tearing their hair and clenching their fists, I am afraid of them and run away. Let me be called coward for running away from them ! I will not touch the boundary of the fields of those that have no knowledge of the servants of Kudalasaṅgama Deva.

H. *Be Chaste.*

1. I am not afraid of the darting serpent ; I am not afraid of tongues of flames ; I am not afraid of the edge of the sword ; but one thing I am afraid of ; one thing I do fear : I am afraid of other men's wives. What fate did Rāvaṇa meet who had not that fear ? I am afraid, O Kudalasaṅgama Deva.

2. You pass her by, you look back at her, and you feel you ought to have her. That is adultery, and you will not escape a terrible hell. What they call other men's wives is in truth Thy harem ; it belongs to heaven, O Kudalasaṅgama Deva.

3. If my mind becomes attached to what it sees, I swear ; I swear in Thy name ; I swear in the name of Thy Pramathas, that I regard every woman as a great goddess, O Kudalasaṅgama Deva.

I. *Be Charitable.*

1. You hoard wealth, thinking that you will live and not die ; but, when your life ends, and death comes upon you, you will not enjoy that wealth. Hence, do not dig and bury it. If it is lost in the earth, will the earth throw it out again ? Do not mix it with dust, gaze at it with your eyes and then go away without enjoying it. If you say, 'Let it remain for my wife', your wife may have crooked designs of a different character. When your body drops away, will she fail to give it to somebody else ? So do not, like a silly sheep, throw your wealth to others and so be deprived. You ought to spend it on the servants of Kudalasaṅgama Deva.

2. When a crow sees one grain of corn, does he not call all his kindred ? When a cock sees one morsel of food, does he not call all his family ? If a man who is God's devotee shows no partiality in his faith, he is worse than a crow or a cock, O Kudalasaṅgama Deva.

3. It is said : "The gift of him who offers a gift that is not in accordance with the faith of Śiva will be fruitless, and he will go to a terrible hell." Since such is the saying, alas ! that man's wealth who spends money to win fame and name, not recognising the servants of Kudalasaṅgama, goes all for nothing.

4. I say, "My body is Thine" ; I say, "My mind is Thine" ; I say, "My wealth is Thine" ; yet deceit leaves me not. I do not realize that the things that I have and the wealth that I have are all Thine ; and so I am ruined all for nothing, O Kudalasaṅgama Deva.

J. *Be Gentle.*

1. He is a devotee that folds his hands before a devotee when he sees him. Yes, gentle words themselves are penances. That excellent modesty itself brings love of God Kudalasaṅgama Deva wants not those who are not so.

2. When devotees affectionately call you near, saying, "Please come here, please come here," if you go sideways to them and fold your hands over your mouth ; if you are humble and speak as a servant ; if you are modest and attentive to them ; then Kudalasaṅgama Deva will take you up to His Pramathas.

3. If you speak, your words should be like a string of pearls, your speech should have the lustre of jewels, should be like a bar of crystal. The Linga within you, pleased, should be saying, "Yes, yes." Otherwise, how will Kudalasaṅgama Deva be pleased with you ?

K. *Be Humble.*

1. Instead of making me a golden crown over a temple tower, on which crows sit and drop dirt, make me a leather-shoe to be trod on by the masters⁷. It is said, "Some are followers of karma, and some of knowledge, but we are followers of the shoes of God's devotees." O Kudalasaṅgama Deva, I spread out the ends of my garment⁸: this is the only boon that I crave from Thee, "O have mercy."

2. I do not want the place of Brahmā; I do not want the place of Viṣṇu; I do not want the place of Rudra; I do not want any such place. O Kudalasaṅgama Deva, favour me with the high place that knows the feet of Thine excellent devotees.

L. *Keep Good Company.*

1. You are to keep company with the excellent and the good. But ah, do not seek the company of the wicked and the bad. The company of those whose inner heart is impure is like the terrible poison of Śiṅgi Kālakūṭa⁹, O Kudalasaṅgama Deva.

2. Be not a neighbour to lukewarm devotees. Do not go with them. Do not accompany them on the road. Do not talk to them even from a distance. It is far better to be the slave of him who is dissolved in the Liṅga, who is the servant of Kudalasaṅgama Deva.

3. If a blasphemer offer you a whole kingdom, do not desire it, and do not live near him. But if a Mahār¹⁰ be a devotee of God, it is far better to be his slave. The servants of Kudalasaṅgama Deva fetch leaves from the forest, fry them in a pan and live upon them.

4. The husband is a devotee of God, but his wife is a devotee of the cholera-goddess and spirits. What the husband takes is the water of his *guru's* feet and food offered to Śiva¹¹, but what the wife takes is wine and flesh. The faith of those who have such an impure receptacle is like washing the outside of a toddy pot, O Kudalasaṅgama Deva.

M. *Be Pure in Mind.*

1. O my mind, be not like a monkey that has tasted jaggery (*i.e.*, brown sugar) thinking only of what is sweet. Mind, be not like a fox that has tasted sugar cane: do not think of what you have enjoyed. Mind, do not—like a crow that has flown high in the air—do not cry in every direction. But, when you have seen the servants of Kudalasaṅgama Deva, O my mind, do believe them to be the Liṅga.

2. When you see the masters, O my mind, act not as a thief to them. If you wish to avoid worldly troubles, be strict, be full of fear, be not proud, and then say, 'I submit.' If you wish to show your faith to the servants of Kudalasaṅgama Deva, O mind, be to them as a servant, and so live.

3. O my mind, do not hurt others in speech. Do not be reluctant when you do good. Do not speak unwisely in company. Take care not to say 'No' to those who ask of you. Use no vulgar words, but humbly offer prayers to the servants of Kudalasaṅgama Deva, spreading out the ends of your garment.

4. My skin is clean, but I am not pure in mind. If I wish to worship Thee, touching Thee with my hands, alas, my hands are not clean! If I wish to worship Thee, approaching thee with my mind, alas, my mind is not clean! But if my heart is truly clean, then Kudalasaṅgama Deva will certainly take me up, saying, 'Come here.'

5. Alas! my wicked mind torments me. I am like a pot broken upon a stone. I am a madman without sense. I am a poor man with no faith. I am an unlucky man with no thought of Thee. O Kudalasaṅgama Deva, have mercy upon me.

(*To be continued.*)

⁷ 'Servants of Śiva' and 'Masters' are used for Vira Śaiva ascetics.

⁸ A gesture of humility.

⁹ Kālakūṭa is the name of a dark blue poison produced at the churning of the ocean.

¹⁰ Mahārs are a class of untouchables found in the Marāṭhā country.

¹¹ That is vegetarian food.

THE APABHRAṂŚA STABAKAS OF RĀMA-ŚARMAN (TARKAVĀGĪŚA).

BY SIR GEORGE A. GRIERSON, K.C.I.E.

(With three plates.)

THE welcome edition by Professor Jacobi of the *Bhavisalla Kaha* (Munich, 1910) has again drawn attention to the importance of Apabhraṁśa in the linguistic history of India. Its appearance has suggested to me the propriety of offering for publication a text and translation,—so far as I am capable of preparing either,—of the Apabhraṁśa sections of Rāma-śarman (Tarkavāgīśa)'s Prakrit grammar, known as the *Prākṛta-kalpataru*. This exists, so far as is known, only in one MS. now in the India Office Library, which is very incorrect, and which can be read only with considerable difficulty and hesitation. I have been studying it for some time, and have, I hope, succeeded in restoring the text to something like what it was when it left its author's hands. The section dealing with the Vibhāśās partly appeared in the *JRAS.* for 1918. That dealing with Paisācī will I hope soon appear in the Sir Ashutōsh Mookherjee Commemoration Volume, and that dealing with Apabhraṁśa forms the subject of the present paper.

It is, I think, certain that there were two distinct schools of Prakrit philology in India. The first, or Eastern School¹, was derived from Vararuci (himself an Easterner), and descended from him, through Laṅkēśvara and Kramadīśvara, to Rāma-śarman and Mārkaṇḍēya. The second, or Western School, is based on the so-called Vālmiki sūtras, now extant only in a much expanded form. From this teaching are descended the grammar of Hēmacandra, who used a technical terminology of his own, and the works of Trivikrama, Lakṣmīdhara, Simharāja, and others, who followed the whole system of terminology found in the expanded Vālmiki sūtras. Even when dealing with standard Prakrit the two schools not unoften contradict or supplement each other, but their main difference consists in their respective treatments of the Vibhāśās, of Apabhraṁśa, and of Paisācī. For instance, the Paisācī described by Vararuci and his successors, who in their accounts actually give a quotation from the Bṛhatkathā, is not the same language as that described by Hēmacandra and Trivikrama². It is unnecessary to go into further detail on this point. I mention it here merely to show the importance of Rāma-śarman's work.

The *Prākṛta-kalpataru*, or 'Wishing-tree of Prakrit', is, according to its author, based on the *Prākṛta-kāmadhenu* of Laṅkēśvara, a work described by Rājendra-lāla Mitra in Nos. 3157 and 3158 of Vol. IX of his *Notices of Sanskrit MSS.*, but which has since, to my great regret, disappeared.³ The *Kalpataru* is divided into three *Śākhās*, or 'Branches.' Each *Śākhā* is divided into so many *Stabakas* or 'Clusters,' and each *Stabaka* into so many *Kusumas* or 'Flowers', each consisting of a single verse, with, in the earlier *Śākhās*, a full prose commentary. The first *Śākhā* deals with Mahārāṣṭrī Prakrit, in nine *Stabakas*. The second *Śākhā* (three *Stabakas*) deals with Śaurasēnī, Māgadī, and their sub-dialects, and the third describes (1) the Vibhāśās (one *Stabaka*), Apabhraṁśa (two *Stabakas*), and

1 It is a mistake to suppose that Prakrit was not employed for literature in Eastern India. As examples of Apabhraṁśa I may quote the *Kīrti-latā*, a historical work by the famous Vidyāpati Thākura of Mithilā, and the *Dōhā-kōśa* of the Bengali Kṛṣṇācāryapāda.

2 The only writer referred to by both schools as authoritative is Bhāmaha, who was a Kāśmīrī and belonged to neither.

3 I would draw the attention of Indian scholars, especially those of Bengal, to the importance of this work, and to the urgent need of a further search being made for it. I have done all that I could by correspondence, but have failed.

Paiśācika (one *Stabaka*). In the present paper, we therefore have to do with the second and third *Stabakas* of the third *Śākhā*. The second *Stabaka* contains thirty-one, and the third thirteen *Kusumas* or verses.

For further particulars regarding Rāma-śarman's grammar, the reader is referred to pp. 19 ff. of Lassen's *Institutiones Linguae Pracriticæ*. In the first Excursus to that work, Lassen has added a summary of Rāma-śarman's account of the Vibhāsās and of Apabhramśa. Unfortunately Lassen did not recognize that several pages of the MS. are misplaced, and this has vitiated much of his remarks. On p. 5 of this Excursus he attempts a transcription of the passage in the third *Stabaka* which deals with the minor varieties of Apabhramśa. The materials then available were insufficient for a correct interpretation of the text, as a comparison between his edition and mine of *stabaka* iii, 6-13 below will show. I claim no credit for my more accurate text. In Lassen's time no edition of Mārkaṇḍēya's grammar was available, and, without that as a guide, it would have been almost impossible to solve the difficulties that crop up in almost every line.

The manuscript is full of gross blunders, and is often very difficult to read. I am fully aware that some of my emendations are uncertain, and a few of them are desperately rash. I therefore do not presume to imagine that I have throughout given a correct text. But I do believe that I have in the main represented what Rāma-śarman intended to be understood, and that, as I have given it, the text is fairly intelligible. That other students may here and there be able to suggest better emendations is my earnest hope, and I shall be the first to welcome them.

Before proceeding further, I must here record my indebtedness to several kind friends who have assisted me in doubtful points, and especially to Professor Jacobi and to Professor Suniti Kumār Chatterji. The latter gentleman's familiarity with ancient Bengali scripts has been exceptionally helpful in suggesting possible and plausible readings.

In reading the text so as to make sense, I have been aided by many years experience in deciphering illegible Bengali legal documents in India. I have also been greatly helped by Mārkaṇḍēya's *Prākṛta-sarvasva*, the 17th and 18th chapters of which deal with the same subjects, much in the same manner, and often also in almost the same words. Mārkaṇḍēya must have been acquainted with the present work or with some of its predecessors, for he quotes almost verbatim the long passage, at the end of the chapters here given, which deals with the minor varieties of Apabhramśa.

It will be remembered that the MS. of the *Prākṛta-kalpataru* is written in the Bengali character. The scribe was by no means particular as to correct formation of his letters, and in writing some he had his own way of representing them. The following are some of his peculiarities which I have gleaned during a somewhat minute study of what he no doubt considered to be caligraphy.

1. He makes little or no distinction between non-initial \bar{a} (।) and non-initial \bar{e} (८). Thus, কক may be read either *kāka* or *kakē* (কেকে) and ককী may be read either *kākā* or *kakō* (ককৌ).

2. The two characters ই *i* (initial) and হ *ha* are frequently confused. We have to decide from the context which is intended.

3. Similarly, উ *u* (initial) and ড *ḍa* are confounded. Only the context can show which is meant.

4. Similarly, ঐ \bar{e} (initial) is confounded with ত্র *tra*. We are here again driven to the context

5. Similarly, ৓ *ō* (initial) is confounded with ৓ *lla*. Moreover, both are commonly used to indicate *lu*, and again both are often confounded with ৓ *ṇḷa*. In each case our only guide is the context.

6. When *r* is subjoined to a consonant in Bengali, it takes the form ৠ. But in the MS. this sign is also often employed to indicate a non-initial *n*, so that ৠ may be either *pra* or *pn*.

7. The letters ৡ *kha* and ৡ *tha* are habitually confounded. It is generally impossible to tell from the form of the letter which is meant. A typical example is *khōḍā* in verse 5 of the Nāgara section. It should probably be read *thōḍā*. Cf. the Hindī *thōṛā*, a little.

8. The letter ৢ is used indiscriminately for *na*, *ṇa*, and *la*. Sometimes ৣ *ṇa* is also used. For *la*, the writer sometimes makes a slight distinction in the form of the ৢ, by bringing the left-hand end of the essential part of the character a little lower down than usual. When this is the case, I have transliterated it by *la*, but otherwise I transliterate it by *na*, whatever it is intended to represent.

9. The letters ৤ *pa* and ৤ *da* are frequently so written that it is impossible to distinguish between them. We may take it as a general rule that every ৤ may be read either as *da* or as *pa*.

10. The character ৥ is employed indiscriminately for *ba*, *va*, and *ra*. It is also often indistinguishable from ০ *ca*. Thus, ০ may always be read as *ca*, *ba*, *va*, or *ra*.

11. The compound *ṣṭra* is invariably written *ṣṭra*, and I therefore so transliterate it.

12. The character ০ *stha* is also used for *hu*. Only the context can indicate what is intended. The syllable *hu* is also often represented by ০ *ha*, the only distinction being that when *hu* is intended the tail at the bottom is made a little longer, and more horizontal. But this distinction is commonly neglected, and only the context can decide which character is intended.

13. The character ০ *dru* seems generally to be used for its proper purpose. But the character ০ *drū* is also used to indicate *hra*. Only the context can tell what is meant. Similarly, ০ is used for *hū*, but, as written, it strongly resembles ০.

In the following text, I have given for each verse, first, a strict transliteration of the MS. as I read it, and then my version of the text as emended after allowing for the above and other irregularities, and after comparison with the corresponding text of Mākaṇḍeya. The transliteration is slavishly literal. Thus, I have transliterated ৢ by *va*, whether it represents *ba*, *va*, or *ra*, and I have transliterated ০ by *stha*, even when *hu* is clearly meant. Only in this way will my readers be able to check my emended text and to criticize it. I have divided words as they are divided in the MS., and have indicated the beginning of each folio, and of each line within a folio. The whole passage begins near the end of the fifth line of Folio 42a.

On plates I, II, and III will be found photographic reproductions of those pages of the Original Manuscript on which the verses occur, with these my transcription and emended version can be compared by those familiar with the Bengali character.

Fol. 42a, part of I. 5.

nirūcyatēsampratināgavādi (6) kramādapabhraṁśaīhāprasiddhyāṁ |
sarvāsvabhraṁśabhidāpusiddhirmatāpuvodiṭvabhāṣayōstu || 1 ||

Metre, Upajāti, — — — — —, — — — — —

nirūcyatē samprati Nāgarādi

kramād Apabhraṁśa, iha prasiddhyā |

sarvāsv a[pa]bhraṁśabhidāsu siddhir

matā purōdīrita-bhāṣayōs tu || 1 || Mk. xvii, 1.

We now proceed to describe in order, beginning with Nāgara, the forms of Apabhraṁśa. It is generally considered that the basis of all the different varieties is to be found in the two preceding bhāṣās [*i.e.*, apparently, Śaurasēnī and Māgadhi⁴].

Fol. 42a.

ayujikakhayōraēnādaugaghau(7)tathayōrdadhautadihapunānākēnagubruvantisukhēsughu |
patidu patitēśōthēśōdhukramāttasakanādikēpunavapimahāvāstriṁ(Fol. 42b)samsādhayēt
saanādikam || 2 ||

Metre, Hariṇī, — — — — —, — — — — —, — — — — —

ayuji ka-khayōr atrānādaug ghau, ta-thayōr da-dhau,

tad iha ca punar 'lōkē' lōgu bruvanti, 'sukhē' sughu, |

padidu 'patitē', 'śōthē' sōdhu kramāt, 'sakalādikē'

punar api Mahārāstriṁ samsādhayēt saalādikam || 2 || Mk. 2.

Non-conjunct, non-initial *ka*, *kha*, *ta*, and *tha*, become respectively *ga*, *gha*, *da* and *dha*. Thus:—

lōkaḥ becomes *lōgu*.

sukham „ *sughu*.

patitam „ *padidu*.

śōthaḥ „ *sōdhu*.

On the other hand words such as *sakala*— and the like follow the Mahārāstri rule, and become *saala*— and so on.

Fol. 42b.

kaḥ śkaskayōrbhavatipuṣkavamaśkavādaukṣasyāpi vākṣasamukhēsaiḥōpadiṣṭaḥ |
sipā⁵(2)nitē nijagaduḥ kavayaśchaśabdaḥ suṣundakēpiviruaṁtumataṁviruddhē || 3 ||
⁵ or *sidā*, or *nipā*, *nidā*.

Metre, Vasantatilakā, — — — — —, — — — — —

kaḥ śka-skayōr bhavati 'puṣkara'—'maskarādaḥ',

kṣasyāpi 'rākṣasamukhē' sa iḥōpadiṣṭaḥ |

'sīprādikē' nijagaduḥ kavayaś cha-śabdaṁ,

chuḥ 'śuṇḍakē' 'pi, viruaṁ tu mataṁ 'viruddhē' || 3 ||

Not in Mk. Cf. Pischel, §§ 302, 306. The emendations in the last two lines are conjectural. By i, 23 of this work, the Prakrit form of *śuṇḍika*— is *suṇḍiō*. The word *sipā* in the third line of the verse is squeezed in at the end of a line of the MS., and is capable of being read in several ways. *Sipā* is, I think, most like what is written.

In *puṣkara*—, *maskara*—, and similar words, *śka* and *ska* become *k*, [so that we have *pukkara*— and *makkara*—]. In *rākṣasamukha*—, *kṣa* also becomes *k*, [so that we have *rakkasamugha*—]. Poets pronounce *sīprā* and similar words with the sound of *cha*, and there is also a *chu*— sound in *śuṇḍaka*—, [so that we have *chappā* and *chuṇḍagō*], but *viruddham* becomes *viruaṁ*.

⁴ The section of the Prākṛta-kalpataṛu immediately preceding that devoted to Apabhraṁśa is that dealing with the Vibhāṣās. Before that comes the account of the Māgadhi Bhāṣā and its varieties, and before that the account of the Śaurasēnī Bhāṣā and its varieties.

[illegible]

Folio 42a

[illegible]

ਦੀ੩

Folio 42b

[illegible]

Folio 43a

Fol. 42b.

vyāsavālipra bhr̥tiupadēdvaēvaḥsyādadhastāta |
 (3)vrāsuvrāḍipriyasūṇiṣamēsyātaprakṛtyā var̥cca |
 dēścāvīṇādaya ihanatāsva⁶rvvanādyarthakāstē

vastraprāptēnaghu nica tathā(4)nāsthalih syāt kavīnām || 4 ||

⁶ The ak-ara sva is doubtful. It may also be read vna, lla, nva or nu.

Metre, Mandākrānta, - - - -, ~ ~ ~ ~ ~, - ~ ~ ~ ~

'vyāsa' - 'vyāḍi' - prabhṛtiṣu padēṣv atra raḥ syād adhastāt Mk. 3.

vrāsu vrāḍi, 'priya' - 'mṛga' - samē syāt prakṛtyā ra-ṛ ca | Mk. 4.

dēśyā rīṇādaya iha na vā syur 'vanādyarthakās' tē

'vastraprāptē' 'laghuni' ca tathā lāhulih syāt kavīnām || 4 ||

The emendations in the last two lines are conjectural. There is nothing like them in Mk. As regards the word *lāhulī*, it will be remembered that the character for *stha* may also represent *hu*. With *rīṇa*, cf. the Prakrit-Sanskrit *ārīṇā*, a dried up place, in Bhaṭṭi, xiii, 4; Sindhī *rīṇu*, a desert; and Skr., *irīṇa*. For *vastraprāptē*, perhaps we may read *vastrāprāptē*, if some altogether different word is not intended. For *lāhulī*, we should probably read *gāhulī*. Cf. *gāhuly-ādīr gāthādēr alpādaḥ* (so to be read), of Kramadīśvara 14.

In the words *vyāsa-*, *vyāḍi-* and others, the letter *r* is inserted after [the initial consonant], so that we have *vrāsu*, *vrāḍi*, and so on. In words like *priya-* and *mṛga-* the original *r* and *ṛ* remain unchanged. The Dēśya words *rīṇa-* and the like are optionally used in the sense of 'forest' and so on. And poets use the word *lāhulī-* in the sense of (?) 'vastraprāpta-' as well as in that of 'laghu'.

Fol. 42b.

stōkēkhōḍasyāccabhadretrabhallaṁ tēṣamēvaṁcatvadiyēmadīyē |
 tasminnīvarthēhaviḥkēhī(5)tyādyāḥ kīḍṣītyadikēṣu || 5 ||

Metre, Śālinī, - - - -, - ~ ~ ~ ~ ~

'stōkē' khōḍam [? thōḍam], syāc ca 'bhadre' 'tra bhallaṁ

tēram mēram ca 'tvadiyē' 'madīyē,' |

tasminn arthē [tōharam mō]haram [vā],

kēhītyādyāḥ 'kīḍṣītyadikēṣu' || 5 ||

Mk. has nothing corresponding to the above. According to Mk. iv. 64, the Prakrit *adēśa* for *stōkam* is *thōam* or *thōkam* (irreg.). The analogy of the Hindi *thōṛā* makes me inclined to emend *khōḍam* to *thōḍam*, see the remarks under No. 7 on p. 15. For *kēhī*, cf. Kramadīśvara 9 (Lassen, p. 449).

For *stōkam*, we have *khōḍam* (? *thōḍam*); for *bhadram* we have *bhallaṁ*; for *tvadiyam* and *madīyam*, we have, respectively, *tēram* or (?) *tōharam* and *mēram* or (?) *mōharam*; and for the feminine *kīḍṣī*, we have *kēhī*.

Fol. 42b.

syātkīḍṣādyā vihakēhaādi śriyāmsiākvāpigurōrllaghutvaṁ |
 atōstriyāmḍāhi(6)adāpasandaṇḍitustriyām gōlaḍi laggu kaṇṭhē || 6 ||

Metre, Upajāti, ~ ~ ~ ~ ~, ~ ~ ~ ~ ~

syāt 'kīḍṣādāv' iha kēha-ādi

'śriyām' sū, kvāpi gurōr laghutvam, | Mk. 8.

atō 'striyām ḍā, hīḍṣā pasannaṁ, Mk. 5.

ḍi tu striyām, gōlaḍi laggu kaṇṭhē || 6 || Mk. 6.

Mk. does not mention *kēha* or *siā*. For the former, cf. Kramadīśvara 9.

The words *kēha*-, and so on, are substituted for *kīdṛśa*- and similar forms; and *siā* is substituted for *śrīh*. A long vowel is sometimes shortened. The syllable *ḍā* is added to *a*-bases [in the masculine and neuter, but] not in the feminine. Thus, *hiadḍa pasannam* [*hṛdayam prasannam*]. In the feminine, it is *ḍi* that is added, as in *gōlaḍi laggu kaṇṭhē* [*gauri lagnā kaṇṭhē*].

The change of *r* to *l* in *gōlaḍi* is a Magadhism. Cf. verse 1.

Fol. 42b.

sarvvatradurjāvahakāminādu avaṣṭraṁgrāmyapadānibhūmnā |
striyāmstapōlu(7)kprakṛtaīścahrasvaḥ syādvāna vāvāna drūmēvadṛṇca⁷ : 7 |

⁷ The last group of akṣaras is doubtful. The mē is partly obliterated. The character which I represent by drū is probably intended for hū, see No. 13 above, on p. 15.

Metre, Upajāti, as before.

sarvatra dur, jārāha kāmīṇidu. Mk. 7.
arāṣṭraka-grāmya-padāni bhūmnā, |
striyām supō luk, prakṛtēs ea hrasvaḥ, Cf. Mk. 9.
syād vā na vā bālādu mēradū ea || 7 ||

In the second line, *arāṣṭraka* is very doubtful, but I can suggest nothing better. The emendation of the fourth line is doubtful. In the MS. it can be read in several ways owing to the indefinite character of the signs here transliterated *va* and *na*. Although the MS. appears to read *bālāhū mērahū*, the metre requires that the final vowel of *bālāhū* should be short, and the preceding lines of the verse seem to require the termination *du*. I have therefore conjecturally emended to *bālādu mēradū*.

In all three genders, the syllable *du* may be added, as in *jārāha kāmīṇidu* [*jārasya kāmīṇi*]. Irregular and boorish words are frequently met with [so expanded]. [With this termination] in the feminine, declensional terminations are elided, and the final vowel of the base is shortened; and [thus] we have optionally *bālādu mēradū* [for *bālā mādīyū*].

Fol. 42b.

sarvvatrasaklukaparakṛtēscadirghaḥ syādaggiaggivāṇaḍamvaṇḍam |
(Fol. 43a) karmādikēpyēvasupū⁸bavantivaibhāṣikaḥsyādataūtsamōstu || 8 ||

⁸ or sudāhavanti.

Metre, Upajāti, as before.

sarvatra sup-luk prakṛtēs ca dirghaḥ, Mk. 9.
syād aggi aggi, vaṇḍam vaṇḍam, |
karmādikē py ēva supō haranti,
vaibhāṣikaḥ syād ata ut sv-amōs tu || 8 || Mk. 10.

In all three genders [in the nominative singular], the declensional termination is elided, and the termination of the base [optionally] lengthened. Thus, we have *aggi* or *aggi* [*agnih*]; *vaṇḍam* or *vaṇḍam*. So also in the accusative and following cases they merely elide the declensional terminations, but in the nominative and accusative singular, *a*-bases may also [after this elision,] optionally substitute the termination *u* [for the final vowel of the base].

[That is to say, the nominative singular takes no termination, but may optionally lengthen its final vowel, after which, whether lengthened or not, the pleonastic *ḍā* may be added. Moreover, in the regard to *a*-bases, the nominative and accusative singular may optionally substitute *u* for the final vowel of the base. In other

cases, and also in the accusative singular, the declensional terminations may be elided, but without provision for the lengthening of the final vowel, or for the substitution of anything else.]

Fol. 43a.

kīlāmamūhaikaṇḥaṣukīlantuāliṅgaikaṇḥa(2)gōvī |
sōvōdapisyāṇṇavaōṇavōtra bhavēnnahāvāṣṭramamāśrayēṇa || 9 ||

Metre, Upajāti, as before.

kīlantu mam mōhai Kaṇḥa ēsu,
kīlantu āliṅgaī Kaṇḥa gōrī, |
sōr ōd api syāṇ, *ṇaraō ṇarō 'tra* Mk. 12, 13.
bhavēn Mahārāṣṭra-samāśrayēṇa || 9 ||

[As examples of the rules in the preceding verse, we have] *kīlantu mam mōhai Kaṇḥa ēsu* [*kriḍan mām mōhayati Kṛṣṇa ēṣaḥ*] and *kīlantu āliṅgaī Kaṇḥa gōrī* [*kriḍanti āliṅgati Kṛṣṇaṁ gaurī*]. The nominative singular may also end in *ō*, as in *ṇaraō* [*narakah*], *ṇarō* [*narah*], in this particular following the rules of Mahārāṣṭrī.

Fol. 43a.

ihānatōpikvacinnaōprayōjyō vāhīuvānā(3)ujuāṇukaṇḥu |
sthaḥ syāt kaṇōrukkhasthaēpuṇḥuhaisyājjasōṇāanahōcavanti || 10 ||

Metre, Upajāti, as before.

ihānyatō 'pi kvacid u prayōjyō, Mk. 10.
rāhīu bālāu juāṇu kaṇḥu |
huḥ syāt (?) kvacid, *rukkhahu (?) ēthu (?) uccu,* Mk. 11, hō.
hē syāj jasō *ṇāalahē caranti* || 10 || Mk. 14.

The text of the third line is very doubtful so far as regards the example. What I have marked with queries is conjectural. In the fourth line, I do not know what Sanskrit word is represented by *ṇāalahē* unless, perhaps, it is *nāgurāḥ*, with the Māgadhi change of *r* to *l*. Cf. verse 1.

Here [i.e. in this form of Apabhraṃśa] *u* may sometimes be employed otherwise [than as laid down in verse 8, according to which *u* is only used in the nominative and accusative singular as a substitute for the final vowel of a base ending in *a*]. Thus, *Rāhīu bālāu, juāṇu Kaṇḥu* [*Rādhā bālā, yuṇ Kṛṣṇah*]. Sometimes we have *hu* [in this case], as in *rukkhahu ēthu uccu* [*ṛkḥō 'trōccaḥ*]. The termination of the nominative plural is *hē*, as in *ṇāalahē caranti* [*? nāgarāś caranti*].

Fol. 43a.

napūmsakē syādihasasō(4) vimdirgham tathāvavaṇahamvaṇāim |
vājasasōḥ strīviṣayēbhavanudvahūmānāpaūōcca || 11 ||

Metre, Upajāti, as before.

napūmsakē syād iha jaś-śasōr id Mk. 16.
dirgham tathā vā, *vaṇāim vaṇāim,* |
vā jaś-śasōḥ strī-viṣayē bhavēd ud, Mk. 15.
vahūu, mālūu, ṇāūu, ōc ca || 11 ||

Here [in this form of Apabhraṃśa] the termination of the neuter nominative and accusative plural is *i*, before which the final vowel of the base is optionally lengthened, so that we have *vaṇāim* or *vaṇāim* [*vaṇāni*]. In the feminine, the termination of these cases is optionally *u*, as in *vahūu* [*vadhvah, vadhūh*], *mālūu* [*mālūh*], and *ṇāūu* [*nadyah, nadih*]. And we may also have *ō* [instead of *u*].

Fol. 43a.

ēcastrisusyādunaēvahū (5) ēpunāniēbhittisupāpunahim |
sarvatraṇāhivahūhitēhim hēhōnasēdvaughavahētathānyata || 12 ||

Metre, Upajāti, as before.

ē ṣas triṣu syād, vaṇaē, vahūē, Mk. 17, ēm

paṇālīē; bhis-iii-supām punar him | Mk. 18.

sarvatra, bālāhī, vahūhī, tēhim;

hē hō nasēr dvaṇ, gharahē, tathānyat || 12 || Mk. 19.

In all three genders, the termination of the instrumental Singular is *ē*, as in *vaṇaē* [*vanēna*], *vahūē* [*vadhvā*], and *paṇālīē* [*praṇālyā*]. Moreover, the termination of the instrumental plural, the locative singular, and the locative plural is *him* [or *hī*] in all three genders, as in *bālāhī* [*bālābhiḥ*, *bālāyām*, *bālāsu*], *vahūhī* [*vadhūbhiḥ*, *vadhvām*, *vadhūsu*], *tēhim* [*taiḥ*, *tābhiḥ*; *tasmīn*, *tasyām*; *tēṣu*, *tāsu*]. There are two terminations of the ablative singular, namely *hē* and *hō*, as in *gharahē* [*grāt*] [for the termination *hē*], and similarly [*gharahō*] for the other.

Fol. 43a.

ibhyasahkaṇē (6) ṇahamṇaiham pakṣematam kāṇaṇasthamvahūham |
hōhōnisah kāṇaṇahōṇaihamisthañcakēcidvaṇahamvahūstham || 13 ||

Metre, Upajāti, as before.

ham hum bhyasah, kāṇaṇaham, ṇaiham, Mk. 20.

pakṣē matam, kāṇaṇahum, vahūhum |

hō hē nasah, kāṇaṇahō, ṇaihē Mk. 21.

ham hum ca kēcid, vaṇaham, vahūhum || 13 ||

The terminations of the ablative plural are *ham* and *hum*, as in *kāṇaṇaham* [*kāṇaṇabhyah*], *ṇaiham* [*nadībhyah*], or, on the other hand *kāṇaṇahum* and *vahūhum* [*vadhūbhyah*] are considered [correct]. The terminations of the genitive singular are *hō* and *hē*, as in *kāṇaṇahō* [*kāṇanasya*], *ṇaihē* [*nadyāḥ*]. Some authorities also give the terminations as *ham* and *hum*, as in *vaṇaham* [*vanasya*], and *vahūhum* [*vadhvāḥ*].

Mk. 21 and 22, which deal with the genitive singular and plural, are missing in all MSS. of that work. The terminations *ham* and *hum* for the genitive singular are unexpected. They are perfectly clear in the MSS. Other authorities give them to the genitive plural, as our author himself does in the next verse.

Fol. 43a.

sussē (7) tathārukathasurukathahassaīdutaēvāsthavibhāṣitōhē |
amastuhamnuvaṇahamvahūham prayujyatēkēpyabhaēvasthamstham || 14 ||

Metre, Upajāti, as before.

su-ssau tathā, rukkhasu, rukkhahassa

īd-ūta ē vā hu, vibhāṣitō hē, |

āmas tu ham nu, vaṇaham, vahūham,

prayujyatē, kē py (?)aparē vahūhum⁹ || 14 ||

Other [terminations of the genitive singular] are *su* and *ssa*, as in *rukkhasu*, *rukkhahassa*¹⁰ [*rukṣasya*]. After [nouns ending in] *ī* or *ū*, the termination is *ē* or *hu*, with *hē* as an optional form. But the termination of the genitive plural is *ham*, as in *vaṇaham* [*vanānām*], *vahūham* [*vadhūnām*], while certain other writers have (?) *vahūhum*.

(To be continued.)

⁹ (?)*vahūhum*.

¹⁰ Cf. *rukkhahu* of verse 10. As already stated, we do not know what Mk. wrote about the genitive singular or plural.

[illegible]

Folio 43b

[illegible]

Folio 44a

[illegible]

Folio 44b

THE APABHRAṂŚA STABAKAS OF RĀMA-ŚARMAN (TARKAVĀGISA).

By SIR GEORGE A. GRIERSON, K.C.I.E.

(Continued from p. 20.)

Fol. 43b.

(1)rūpaṁ mahāvāṣṭrikayōhaniya māmīhananṇhau mainadantakānām |
 ēasyaṭābhistaṁsiṇasiṇabhiḥ syāt sarvvatrarūpaṁ puriṣēva(2)danti || 15 ||

Metre, Upajāti, as before.

rūpaṁ Mahārāṣṭrikayōhaniyaṁ |
 āmiha ṇa-ṇhau (?) id-ud-antakānām; |
 ēasya ṭā-bhir-ṇasi-ṇas-ṇibhiḥ syāt, Cf. Mk. 29 (om. *ṇas*).
 sarvatra rūpaṁ puriṣē vadanti || 15 ||

In this dialect, the Mahārāṣṭrī terminations of the genitive plural, *ṇa* and *ṇha*, are to be mentioned as used with nouns whose bases end in *i* or *u*; and the letter *ē* may be substituted for the final vowel of an *a*-base in the instrumental singular, instrumental plural, ablative singular, genitive singular, and locative singular in all genders, so that for all these we have such a form as *puriṣē* [*puruṣēṇa*, *puruṣaiḥ*, *puruṣāt*, *puruṣasya*, or *puruṣē*].

Fol. 43b.

ṭaināstviduttyāṁ asumitrānānvasmavakithaōrukakhupavāsuēna |
 ēhibhisah syādasiēhiuṇṇa viṇṇaṇṇa saccaṁsuē(3)hitrasu || 16 ||

Metre, Upajāti, as before.

ṭaināstv id-udbhyām, (?)asiēṇa, (?)yad-vā Mk. 24.

samrakkhīō [?]samkappiō] rukkhū parāsuēṇa; |

ēhim bhisah syād, asiēhī jēṇa Mk. 25.

(?)viṇṇa macca isuēhī (?)tāsu || 16 ||

As regards the emendment to *asiēṇa*, attention may be called to No. 4 on p. 14 above.

In regard to bases in *i* and *u*, the suffix of the instrumental singular is *ēṇa*, as in *asiēṇa* [*asinā*], or as in *samkappiō rukkhū parāsuēṇa* [*samdaritō vṛkṣah paraiṇā*]. [With these nouns], the termination of the instrumental plural is *ēhim*, as in *asiēhim jēṇa viṇṇa*, *macca isuēhim tāsu* [*asibhir yēna vidirṇah*, *mṛtyur iṣubhis tasya*].

Fol. 43b.

ēceastriyāmṭaṇṇaīēvahūtr sambōdhanē hēvaṇahēvahūtra |
 supihahravōpi niruktaidut pūrvattathōdāhṭamēva(4)sarvvam || 17 ||

Metre, Upajāti, as before.

ēc ca striyām ṇau, ṇaīē, vahūē, Mk. 26.

sambōdhanē hē, vaṇahē, vahūhē | Mk. 27.

supiha hrasvō 'pi nirukta id-ūt, Not in Mk.

pūrvam tathōdāhṭam ēva sarvam || 17 ||

The syllable *ē* is also used in the feminine as the termination of the locative singular as in *ṇaīē* [*nadyāṇ*], *vahūē* [*vadhvāṇ*]. In the vocative, the termination is *hē*, as in *vaṇahē* [*vana*], *vahūhē* [*vadhu*]. In this dialect it is explained that the final vowel of bases in *i* and *u* is also shortened in the locative plural. In other respects these nouns are declined as explained above.

As we are at present dealing with nouns in *i* and *u*, the insertion of *vaṇahē* in this verse seems out of place.

Fol. 43b.

liṅgatrāyēpijasihōvaṇahōṇaīhōgandhavvahōkvacidihāpidapirukakhaādika |
 kimyadastu bhavatipra thamadvī(5)tiyāsaptamyapihasavahaṭṭasamāprayōgē || 18 ||

Metre, Vasantatilakā, - - - - -

liṅga-trayē 'pi jasi hō, *vaṇahō*, *ṇaiḥō* Mk. 23.

gandhavaḥō, kvacid ihāpi ca *rukḥha* ādi | Not in Mk. Cf. Hc. iv, 344.

'kiṁ'-yat'-tadām' tu bhavati prathamā-dvitiyā- Mk. 30.

saptamny apiha maraḥaṭṭa-samā prayōgē || 18 ||

In all three genders the syllable *hō* may be added in the nominative plural [instead of the *hē*, *i*, and *u* prescribed in verses 10 and 11], as in *vaṇahō* [*vanāni*], *ṇaiḥō* [*nadyah*], and *gandhavaḥō* [*gandhavaḥ*]. In this dialect we also have forms such as *rukḥha* and the like. The pronouns *kiṁ*, *yad*, and *tad* form their nominative, accusative, and locative as in Mahārāṣṭrī.

It will be observed that, apparently for the sake of metre, our author uses the Prakrit form *marahaṭṭa* for *mahārāṣṭra*. Similarly, in verse 10 of the Vṛacaḍa chapter, he uses *sōraṭṭa* for *saurāṣṭra*, but without the same excuse.

Fol. 43b.

kōkēkaṁkēkaṁkēs vapibhavatipadaṁ yattadōḥkrīvanāryyōvapyēvaṁrū(6)pamāhurjasa-
ihakathitaḥsu prakṛtyāscadīrghaḥ |

tadrūpamkāśukasavyadavamapimataṁkassasāṇḍēstriyāmapyēvaṁ syādyattadōścā(7)

pyabhidadhati tathātvāmijabhruṁtadrūṁ¹¹ || 19 ||

Metre, Sragdharā, - - - - -

kō, *kē*, *kaṁ*, *kē*, *kaṁ*, *kēs* api bhavati padaṁ yat-tadōḥ klīva-nāryōr Mk. 30.

apy ēvaṁ rūpam āhur, ṇasa iha kathitaḥ *su*, prakṛtyāś ca dīrghaḥ | Mk. 31.

tad-rūpam *kāsu*, *kasu* apy, aparam api mataṁ *kassu*, ṇaṇḍē striyāmapy

ēvaṁ syād yat-tadōś cāpy abhidadhati tathācāmi[vā] *jadrū* *tadrū* || 19 ||

The readings *jadrū* and *tadrū* are justified by the first line of the next verse, in which *tadru* is quite clear. The corresponding rule is missing in all MSS. of Mk. Kramadīvara, 47, gives, according to Lassen's reading, *jruṁ*, *truṁ* for the acc. sg., and *jatru*, *talru* for the loc. sg. Mitra's text gives *jruṁ* *dru[m]*; *yadru*, *tadru*. Hc. iv, 360, gives *dhruṁ*, *truṁ* for the nom. and acc. sg. Cf. Pischel, §§ 268, 427. All my MSS. of Mk. 33 apparently give *jaiṇa* *taṇa*, but are difficult to read. This, in the printed edition, is emended to *jattim* *tattim*.

The following [masculine] forms are accordingly used [for *kiṁ*], Nom. sg. *kō*, nom. pl. *kē*, acc. sg. *kaṁ*, acc. pl. *kē*, loc. sg. *kaṁ*, loc. pl. *kēs*. Similarly for *yad* and *tad*. They teach that the same forms are employed for the feminine and the neuter. In this dialect [the termination of] the genitive singular is *su*, with the vowel of the base lengthened. Its form is therefore *kāsu*. Another form is *kasu*, and another opinion gives *kassu*. So also the feminine and neuter. Similar are the forms of *yad* and *tad*. Furthermore they explain *jadrūṁ* and *tadrūṁ* as optional forms of the accusative singular.

Fol. 43b.

ihajaśrutadrūasōstayōrbhavēdīdamah suvōvimuvayantunastriyām

adasa(Fol. 44a)ptayōḥ supinirddīśantyamumataṁmētadastrīṣucaēhadhīmatām || 20 ||

Metre, Mañjubhāṣiṇī, - - - - -

iha *jadrū* *tadrū* [ni-]ṇasōs tayōr bhavēd Mk. 34 (*jattha*, *tattha*).

īdamah sv-amōr imur, ayaṁ tu na striyām | Mk. 36.

adasas tayōḥ supi [ca] nirdīśanty *amu* Mk. 37.

matam ētadas trīṣu ca ēha dhīmatām || 20 || Mk. 38.

In this dialect *jadrū* and *tadrū* may respectively be the corresponding locative singular and genitive singular of these two words. The nominative and accusative singular of *īdam* is *imu*, but this is not used in the feminine. The same two cases of

¹¹ *drūṁ* may also be read *hruṁ*, see No. 13 on p. 15 above.

adas are *amu*, and they teach that the same word is used as the declensional base, to which the case terminations are added. It is the opinion of the learned that the declensional base of *ētaḍ*, in all three genders, is *ēha*—.

According to the corresponding passage in Mk. 37, the word *sup*, in the third line, does not mean the suffix of the locative plural, but has its other meaning of case-suffixes generally.

Fol. 44a.

ēhōsumōbhavati ēttucahasyaghōtāēhēcā¹² cēsakakhamanti(2)rūpaṁ |
sauyattadōḥ padamanukramatōējē(?)tē¹³ cēttadōbhābhavati pūrvvamaḍiḥarūpaṁ || 21 ||

¹² In the above, the akṣara u is imperfect in the MS., but, as it is, can only be read u.

¹³ The akṣara tē marked with a query is very doubtful. What is wanted is sē, but it cannot be so read, whatever else it may be.

Metre, Vasantatilakā, — — — — —, — — — — —

ēhō sv-amōr bhavati, ēhu ca, (?)ēha cōktam Mk 39, ēhō, ēhu.

ēhē ca ūau ca, saka[laṁ ka]thayanti rūpaṁ |

sau yat-tadōḥ padam anukramatō 'tra jē, (?)sē Mk. 40.

ē ēttadō bhavati pūrvam apīha rūpaṁ || 21 || Mk. 40. ēsa.

The last two words of the first line are a conjectural emendation.

For the nominative and accusative singular [of *ētaḍ*], they describe the entire set of forms as *ēhō*, *ēhu*, *ēha*, and *ēhē*; and *ēhē* is also used in the locative singular. The nominatives singular of *yad* and *tad* are respectively *jē* and *tē* [? *sē*]. In addition to the set of forms given above, [the nominative singular] of *ētaḍ* is also *ē*.

Fol. 44a.

yusmaḍasautuhamtumbhahaja(3)pāsōḥ syātpaīmṭāmīō(?)mha¹⁴himśyādbhimi |
japāsasōrūpāē ayaṁmēnīvētumhatumhētuhasyāṭta catumbhaskacita || 22 ||

¹⁴ The mha marked with a query is not clear in the MS. It may be stha (or hu).

Metre, Sragvīṇī, — — — — —, — — — — —

yusmaḍas sau tuham, tumbhāim jaś-śasōḥ Mk. 41, 42.

syāt paīm ṭāmi ūau, [tu]mhahim syād bhisi | Mk. 44 (*taī*), 45 (*tumbhāhim*).

ṇas-ṇasāv [atra] rūpa-trayaṁ mēnirē

tumha, tumhē, tuha, syāc ca tumbha [? *tujjha*] kvacit || 22 || Mk. 46.

As regards the emendation of *tumbhaha* to *tumbhāim*, see No. 2 on p. 14. The emendation of the corrupt *japāsasō* to *ṇas-ṇasāv* is, I think certain. Mk. gives for the abl. and gen. sg. *tuha*, *tujjha*, *tumbha*, *tubbha*.

The nominative singular of *yusmad-* is *tuham*, and the nominative and accusative plural is *tumbhāim*. The instrumental and accusative and locative singular all take the form *paīm*. The instrumental plural is *tumhahim*. There are considered to be three forms of the ablative and genitive singular, viz., *tumha*, *tumhē*, *tuha*, and in addition to these we sometimes find *tumbha* [? *tujjha*].

All my MSS. of Mk. in the above forms substitute *mbh* for *mh* throughout, which the printed edition corrects regularly to *mh*. It may be noted that Mk. was an inhabitant of Orissa, and that in that country, at the present day, *mh* is regularly pronounced as *mbh*. What is written is always *mh*, even when *mbh* is etymologically required.

In the MSS. of his grammar, the reverse is the case, and what is written is *mbh*.

Fol. 44a.

(4)sāvaktamhapu asmadōjasiśasisyādasmaimṭāmīōtasyasyāṁmahama(?)mhahibhisimataṁ
amhēhiamhēēaam |

nirddi(5)ṣṭam sahumajjhasajjujasīiasyapyamhāiasyāmicasyādvāpōbhysiamhavāsipu
mataṁ amhāsuvāamhasu || 23 ||

Metre, Śārdūlavikrīḍita, - - - - -
 sāv uktam *hamu* asmadō, jasi śasi syāt *amhaīm*, ṭāmi hau Mk. 48, 49.
 tasya syān *maī*, *amhahīm* bhisi mataim, *amhēhi*, *amhē*, trayam | Mk. 51, 52.
 nirdiṣṭam *maha*, *majjha*, *majjhu*, ṇasi-ṇasy, apy *amha* ṇasy, āmi ca Mk. 53.
 syād vā ṇō, bhyasi *amha* vā [? *amhaham*], supi mataim *amhāsu* vā *amhasu* || 23 ||
 [Mk. 54, 55.]

The nominative singular of *asmad-* is said to be *hamu*, and the nominative and accusative plural is *amhaīm*. Its instrumental, accusative, and locative singular is *maīm*. Three forms are recorded for the instrumental plural, viz., *amhahīm*, *amhēhi* [? *amhēhi*] and *amhē*. The ablative and genitive singular are described as *maha*, *majjha*, or *majjhu*, in the genitive singular [in addition to these three] we also have *amha*. In the genitive plural we optionally have ṇō. In the ablative plural we optionally have *amha* [? *amhaham*], and in the locative plural we have *amhāsu* or *amhasu*.

As explained above, Mk. substitutes *mbh* for *mh* throughout. Mk. 52 gives *ambhāim*, *ambhahīm*, *ambhē*, *ambhāham*, and *ambhēhi* for the instrumental plural. Mk. 53 gives *majjha*, *mahu*, and *maha* for the ablative and genitive singular. He gives neither ṇō nor *am(b)ha*.

Fol. 44a.

(6) *ihakāmacām* lugaītivisēṣāḥprabhṛti śatyayasandhiṣupadiṣṭyāḥ |
 tadudāhavaṇādīnilakṣyadrṣṭyākaticī(7) tt samprati pādayāmi¹⁵ tāvat || 24 ||

¹⁵ Or pādayāmi, the r of prā° is very faint and does not appear on the photograph.

Metre, Aupacchandasika, - - - - -
 iha kām[am] acām [tu] lug-viśēṣāḥ Mk. 56.
 prakṛti-pratyaya-sandhiṣupadiṣṭāḥ |
 tad-udāharaṇādi lakṣya-drṣṭyā
 katicit samprati pādayāmi tāvat || 24 ||

In this dialect there are at will peculiar elisions of vowels in the union of bases with suffixes. As examples of this, I now proceed to give a few specimens.

Fol. 44a.

lōpaścēdiha rūkakhuūtathārūkēkhāyadūōgamaḥ syādvōijjāihōjjaikakhusu(?)a¹⁶ (Fol. 44b)
 vōdēivavahōdēvavahō |
 valāōivvavōnurvanāḍatathāvānāūityādikērūpērūpaviprariyyayaḥ pranavacāmuktāvisēṣa
 ṣāvu (2)dhaiḥ || 25 ||

¹⁶ The akṣara a marked with a query is doubtful.

Metre, Śārdūlavikrīḍita, - - - - -
 lōpaś cēd iha *rukku* [*rukka*]ū tathā *rukkhō*, yadāj-āgamaḥ Mk. 56.
 syād hōijjāi hōjjāi *kkhu* *suarō* *dēivvahō* *devvahō*, |
 bālāō (?)itarām nu *bālāū*, tathā *bālāu* ityādikē
 rūpē rūpavipariyyayaḥ punar, acām uktā viśēṣā budhaiḥ || 25 ||

If there is elision [of the final vowel of the base], we have *rukku* or *rukkhō* for *rukkaḥ* [*vṛkṣakah*]. When we have the addition of a vowel we have [sentences such as *hōijjāi* (for *hōjjāi*) *kkhu* *suarō* *dēivvahō* (for *devvahō*) [*bhavēt khalu sukarō daivāt*]. Or there may be interchange of forms, as in *bālāū* or *bālāu*, etc. for *bālāō* [*bālāḥ*, see verse 11]. Such are the peculiarities of vowels as described by the learned.

[The following, therefore are the declensional forms for nouns in Apabhraṁśa according to Rāma-śarma. After each form, I give the number of the verse in which it occurs. First of all I give the terminations which he says are applicable to all nouns.

	Sing.	Plur.
Nom.	<i>du</i> (7), <i>hu</i> (10),	<i>hō</i> (18)
Acc.	...	...
Instr.	<i>ē</i> (12),	<i>hiṁ</i> (12)
Abl.	<i>hē</i> (12), <i>hō</i> (12),	<i>ham</i> (13), <i>hum</i> (13)
Gen.	<i>hē</i> (13), <i>hō</i> (13), <i>ham</i> (13), <i>hum</i> (13),	<i>ham</i> (14)
Loc.	<i>hiṁ</i> (12),	<i>hiṁ</i> (12)
Voc.	<i>hē</i> (17),	...

The bare base may optionally be used for the Accusative Singular and all subsequent cases (8).

The above terminations will not necessarily be repeated in the subsequent paradigms.

Bases in *a*

Nom. Masc.	<i>narō</i> (9), <i>ṇarāō</i> (9), <i>rukkhō</i> (25), <i>samrakkhio</i> (16) ; <i>rukku</i> (16, 25), <i>kīlantu</i> (9). <i>juāṇu</i> (10) ; <i>rukkaū</i> (25) ; <i>kaṇha</i> (9), <i>macca</i> (16) ; (<i>rukkaḍḍā</i>) (6), (<i>rukkaḍḍā</i>) (8) ; (<i>rukkaḍḍu</i>) (7) ; <i>rukkaḥu</i> (10)	<i>ṇaalahē</i> (10), <i>gandhavahō</i> (18), <i>rukka</i> (18)
Neut.	(<i>vaṇu</i>) (8), <i>hiadā</i> (6), (<i>hiadu</i>) (7), <i>vaṇaḍam</i> (8), <i>vaṇaḍam</i> (8)	<i>vaṇaḥ</i> (11), <i>vaṇaḥ</i> (11), <i>vaṇahō</i> (18)
Acc. Masc.	(<i>rukku</i>) (8), <i>kaṇha</i> (9)	...
Neut.	(<i>vaṇu</i>) (8), (<i>vaṇa</i>) (8)	<i>vaṇaḥ</i> (11), <i>vaṇaḥ</i> (11)
Instr.	<i>purisē</i> (15), <i>vaṇaē</i> (12)	<i>purisē</i> (15), (<i>vaṇaḥim</i>) (12)
Abl.	<i>purisē</i> (15) ; <i>gharahē</i> (12) ; (<i>gharahō</i>) (12), <i>devvahō</i> (25)	<i>kāṇaṇaham</i> (13), (<i>kāṇaṇahum</i>) (13)
Gen.	<i>jāraha</i> (7) ; (<i>kāṇaṇahē</i>) (13), <i>kāṇaṇahō</i> (13) ; <i>vaṇaham</i> (13), (<i>vaṇahum</i>) (13) ; <i>rukkaḥasu</i> (14), <i>rukkaḥassu</i> (14) ; <i>purisē</i> (15)	<i>vaṇaham</i> (14)
Loc.	<i>purisē</i> (15), (<i>vaṇaḥim</i>) (12)	(<i>vaṇaḥim</i>) (12)
Voc.	<i>vaṇahē</i> (17)	
Feminine bases in <i>ā</i> .		
Nom.	<i>siā</i> (6) ; <i>bālāu</i> (10) ; <i>gōlaḍi</i> (6) ; <i>bālādu</i> (7)	<i>mālāu</i> (11), <i>bālāu</i> (25), (<i>mālāō</i>) (11), <i>bālāō</i> (25), (<i>bālāhō</i>) (18), <i>bālāū</i> (25), (<i>bālāhē</i>) (10)
Acc.	(<i>bālā</i>) (8)	<i>mālāu</i> (11), (<i>mālāō</i>) (11)
Instr.	(<i>bālāē</i>) (12)	<i>bālāḥim</i> (12)
Loc.	<i>bālāḥim</i> (12)	<i>bālāḥim</i> (12)

Feminine bases in <i>ī</i> .		
Nom.	<i>gōrī</i> (9); <i>rāhīu</i> (10), <i>kīlantu</i> (9); <i>gōladī</i> (6); <i>kāminīdu</i> (7)	<i>ṇaiu</i> (11), (<i>ṇaiō</i>) (11), <i>ṇaiḥō</i> (18)
Acc.	(<i>ṇai</i>) (8)	<i>ṇaiu</i> (11), (<i>ṇaiō</i>) (11)
Instr.	<i>paṇāliē</i> (12)	...
Abl.	(<i>ṇaiḥē</i>) (12), (<i>ṇaiḥō</i>) (12)	<i>ṇaihan</i> (13), (<i>ṇaihum</i>) (13)
Gen.	(<i>ṇaiē</i>) (14), <i>ṇaiḥē</i> (13, 14), (<i>ṇaihu</i>) (14)	(<i>ṇaihan</i>) (14)
Loc.	<i>ṇaiē</i> (17)	(<i>ṇaihin</i>) (12), (<i>ṇaihim</i>) (17)
Feminine bases in <i>ū</i> .		
Nom.	...	<i>vahūu</i> (11), (<i>vahūō</i>) (11), (<i>vahūhō</i>) (18)
Acc.	...	<i>vahūu</i> (11), (<i>vahūō</i>) (11)
Instr.	<i>vahūē</i> (12)	<i>vahūhin</i> (12)
Abl.	(<i>vahūhē</i>) (12), (<i>vahūhō</i>) (12)	(<i>vahūhan</i>) (13), (<i>vahūhum</i>) (13)
Gen.	(<i>vahūē</i>) (14), (<i>vahūhē</i>) (13, 14), (<i>vahūhan</i>) (13), (<i>vahūhum</i>) (13), (<i>vahūhu</i>) (14)	<i>vahūhan</i> (14), (<i>vahūhum</i>) (14)
Loc.	<i>vahūē</i> (17), <i>vahūhin</i> (12)	<i>vahūhin</i> (12), (<i>vahūhim</i>) (17)
Voc.	<i>vahūhē</i> (17)	
Bases in <i>i, u</i> , masc.		
Nom.	<i>aggi</i> (8), <i>aggī</i> (8)	...
Instr.	<i>asiēṇa</i> (16), <i>parāsuēṇa</i> (16)	<i>asiēhin</i> (16), (<i>isuēhin</i>) (16)
Gen.	...	- <i>ṇa</i> (15), - <i>ṇha</i> (15)
<i>asmad</i> -(23).		
Nom.	<i>hamu</i>	<i>amhaiṇ</i>
Acc.	<i>maiṇ</i> , <i>mai</i> (9), <i>mō</i> (31)	<i>amhaiṇ</i>
Instr.	<i>maiṇ</i>	<i>amhahiṇ</i> , <i>amhēhi</i> (?ṇ), <i>amhē</i>
Abl.	<i>maha</i> , <i>majjha</i> , <i>majjhu</i>	<i>amha</i> (? <i>amhahan</i>)
Gen.	<i>maha</i> , <i>majjha</i> , <i>majjhu</i> , <i>amha</i>	<i>ṇō</i>
Loc.	<i>maiṇ</i>	<i>amhasu</i> , <i>amhāsu</i>
<i>yusmad</i> -(22).		
Nom.	<i>tuhan</i>	<i>tumbhaiṇ</i> , <i>tumhē</i> (27)
Acc.	<i>paṇṇ</i> , <i>tō</i> (31)	<i>tumbhaiṇ</i>
Instr.	<i>paṇṇ</i>	<i>tumhahiṇ</i>
Abl. }	<i>tumha</i> , <i>tumhē</i> , <i>tuha</i> ,	...
Gen. }	<i>tumbha</i> (? <i>tujjha</i>)	...
Loc.	<i>paṇṇ</i>	...
<i>kin</i> , <i>yad</i> , <i>tad</i> .		
Nom.	<i>kō</i> (19), <i>jē</i> (21), <i>tē</i> (? <i>sē</i>) (21), <i>sō</i> (26)	<i>kē</i> (19)
Acc.	<i>kaiṇ</i> (19), <i>jadruṇ</i> (19), <i>tadruṇ</i> (19)	<i>kē</i> (19)
Instr.	...	<i>tēhin</i> (12)
Gen.	<i>kāsu</i> (19), <i>kassu</i> (19), <i>kasu</i> (19), <i>tāsu</i> (27), <i>jadru</i> (20), <i>tadru</i> (20)	<i>tāṇṇa</i> (? <i>teṇṇi</i>) (31)
Loc.	<i>kaiṇ</i> (19), <i>jadru</i> (20), <i>tadru</i> (20), <i>tēhin</i> (12)	<i>kēsu</i> (19)

The above are masculine, but most of them may also be used for the feminine and neuter (19).

For *idam*, the nom.-acc. sing. m. and n. is *imu* (20).

For *adas*, the same cases are *amu*, which is also used for the declensional base (20). By 31, *ēhin* = *amūbhih* (? *ēbhih*).

For *ēlad*, the nominative and accusative singular are *ē*, *ēhu*, *ēhō*, *ēha*, or *ēhē*, *ēhē* being also used for the locative singular (21). Cf. *ēsu* (9), nom. sg. m. The declensional base is *ēha* (20).

It will be observed that the above schemes of declension differ widely from those given by Hēmacandra, and reproduced by Pischel in his grammar. But it must not be therefore assumed that the differences are due to blunders of the copyist. They are borne out in a remarkable manner by Mārkaṇḍēya, and, as a whole, may be taken as indicating the doctrine of the eastern school in regard to Apabhrāmśa.

It will also be observed that in the declension of nouns substantive, no form is laid down for the accusative singular. It is evidently assumed that this case is the same in form as the nominative singular. Compare Hēmacandra, iv, 341, 344. In verse 9, our author tells us that the acc. sing. may optionally drop its termination, but he does not give any alternative form except for *a*-bases (8).]

Fol. 44b.

dhātutōbhavatinātmanēpadam tipamasōstudihamaukramanmitau |
sōhasēdihasaḥamṇaamhain tadvidhiprakṛti(3)kēṣutipsapaucya¹⁷ || 26 ||

¹⁷ The *akṣara* *cya* at the end of the second line is superfluous. Throughout this verse *ha* may also be read as *hu*.

Metre, Rathōddhatā, - - - - -
dhātu-tō bhavati nātmanēpadam Mk. 57.
tip-masōs tu di-humau kramān matau | Mk. 58.
sō hasēdi hasahumṇa amhain
tad-vidhi-prakṛtikau tu (?)mip-sipau || 26 || Not in Mk.

The ātmanēpada voice of verbs is not used. The terminations of the third person singular and of the first person plural are *di* and *hum*, respectively, as in *sō hasēdi*, *hasahumṇa amhain* [*sa hasati*, *hasāmō na vayam*]. The first and second persons singular are the same as the original [Sanskrit].

The syllable *di* for the 3rd singular is quite clear in the MS. It is, further, authorized by the rule in verse 2. The last line is difficult, but I think that I have given the meaning intended. I take *tad-vidhi* as practically equivalent to *tat-sama*. The change from *prakṛtikē* to *prakṛtikau* is easy in the Bengali character. I have altered *tip* to *mip*; because the latter is nowhere else provided for in this or the following verse. It is worth noting that, in the corresponding passage, Mk. gives the form for the first person plural only, and does not touch upon the other persons.

Fol. 44b.

pikacāṣepenniju(?)du¹⁸mathikanhēmchacha(?)nnu¹⁹dētāaa(?)ā²⁰hidēsu
hīrvāsipō(?)hē²¹hidhanāimātsu(4)(?)hu²²sthasyatumhētuna(?)ktu²³ppaāsu || 27 ||

¹⁸ The *akṣara* *du* may also be read as *dva* or *ha*.

¹⁹ The *akṣara* *nnu* may also be read as *ndu*.

²⁰ The *akṣara* *ā* is doubtful. It is not clear. Perhaps the scribe meant *dma*, *dā* or *gha*.

²¹ The *akṣara* *hē* is clear, but perhaps *dē* is meant.

²² The *akṣara* *hu* may also be read as initial *r*, and is, indeed, more like that letter.

²³ The *akṣara* *ktu* is pretty clear, but, with a little forcing can also be read as *hu*, which is probably intended.

Metre, Upajāti, as before.

tip câtra, <i>pellē judu hatthi kaṇha</i>		Not in Mk.
jhēr him nu, <i>dēvā a āhī dēsu</i>	|	Not in Mk.
hir vā sipō, <i>dēhi dhaṇūi tāsū</i> ;		Not in Mk.
hus thasya, <i>tumhē (?)tulahu ppaāsu</i>	|| 27 ||	Not in Mk.

The emendations in the first line are very doubtful. They are made on the assumption that the Prakrit = *pātayati yutam hastinam Kṛṣṇaḥ*. The metre shows that *pellē* is certainly wrong, and, in the Bengali character, the change to *pellē* is very easy. The second line is pure conjecture. We should expect something to the effect that the termination of the third person plural (*jhi*) is *him*, I assume that the last syllable of the preceding line was originally *ṇha*, and the first syllable of this line was *jhē*. The scribe, in copying, made a conflux of the two into *ṇhē*. He mis-read *him* as *cha*, and then, to eke out the metre, repeated the *cha*. In this way *kaṇhajhērhimnu* became *kanhēmchachannu*. In bad Bengali writing *him* might easily be mistaken for *cha* (𑂔 for 𑂕). The Prakrit of the fourth line is doubtful. I can think of no better emendation of *tunahu* than *tulahu* (= *tōlayatha*). *Ppaāsu* may be *prayāsam* or *pravāsam* or *prakāśam*.

The third person singular also has [the termination *ē*], as in *pellē judu hatthi Kaṇha* [*pātayati yutam hastinam Kṛṣṇaḥ*]. The termination of the third person plural is *him*, as in *dēvā a āhī dēsu* [*dēvās ca āyānti dēśam*]. The termination of the second person singular is also optionally *hi*, as in *dēhi dhaṇūi tāsū* [*dadāsi dhanāni tasya*]. The termination of the second person plural is *hu*, as in *tumhē tulahu ppaāsu* [*yūyam tōlayatha prayāsam* (or *prakāśam*, or *pravāsam*)].

If my above emendations of these two verses are correct, we have the following as our author's account of Apabhraṃśa conjugation :--

Singular.	Plural.
1. <i>hasūmi</i> (26, d)	<i>hasahum</i> (26, b)
2. <i>hasasi, hasahi</i> (26, d; 27, c)	<i>hasahu</i> (27, d)
3. <i>hasadi (hasēdi), hasē</i> (26, b; 27, a)	<i>hasahim</i> (27, b)

Fol. 44b.

nuṭiḥisacavāladahasihīēdvahasīsaiḥkaṇhatapuppita |
kvacidapihō(5)ssaityādirūpaṃ lūṭimasikāpunavatrakṛṇaḥsyāta || 28 ||

The akṣaras tapuppita at the end of the first line, evidently do not belong to this verse. They have been taken from somewhere else, by a blunder of the copyist.

Metre, Tāmarasa, ~ ~ ~ ~ ~, ~ ~ ~ ~ ~

luṭi ihi īsa ca, <i>bālāi [ēhu]</i>		Mk. 59, 60
<i>hasihii, ēhu hasīsai Kaṇha</i> ;	|	
kvacid api <i>hossai ityapi rūpaṃ</i> ;		Not in Mk.

luṭi masi *kā [?kām]* punar atra *kṛṇaḥ syāt* || 28 || Mk. 61.

The suffix of the future is *ihī* or *īsa*, as in *bālāi ēhu hasihii, ēhu hasīsai Kaṇha* [*bālaka ē:a hasiṣyati, ē:a hasiṣyati Kṛṣṇaḥ*]. Sometimes we also have such a form as *hossai* [*bhaviṣyati*], and, for the root *kṛ*-, in the first person plural, the base of the future is *kā* [*?kām*], [so that we get *?kāmahum*].

It will be observed that here the future is called *luṭ*, i. e., the periphrastic future not *luṭ*, the simple future. So also Mk. Mk. makes *kām*-, not *kā*-, the base of the 1st pl. fut. of *kṛ*, and, gives, as an example, *kāmahum*.

(To be continued.)

THE HISTORY OF THE NIZĀM SHĀHI KINGS OF AHMADNAGAR.

By LIEUT.-COLONEL T. W. HAIG, C.S.I., C.M.G., C.B.E.

(Continued from Vol. I, p. 328.)

After the dismissal of Qāzī Beg, the wise, prudent, and brave Asad Khān was appointed *vakil* and *pishvā*.²¹⁵

At this time the vile wretch Ṣāhib Khān, some account of whom has already been given, was prompted by his base nature and disposition to vex the people, and to shed innocent blood and outrage the honour of the poor. To such an extent did he slay and plunder the king's subjects, that the tyranny and injustice of Shaddād the son of 'Ād appeared like the justice of Naushirvān beside the enormities which he committed. As the king had retired altogether from the business of the state and had left all power in the hands of this wretch, a gang of low-born and low-bred ruffians, the fellows and companions of that scoundrel, gathered round him and incited him to further acts of tyranny and injustice, so that the greatest sages of the time were unable to find a remedy for the state of affairs brought about by his atrocities, or the tyranny of him and his associates, under which the people and the army alike were groaning.

When the tyranny and injustice of Ṣāhib Khān towards all men, but especially towards, the foreigners, who believed that they were specially chosen as the subjects of his oppression, passed human endurance and the slaying and plundering of foreigners both in the city and in the country became a common occurrence, and when at last Mīr Mahdī, a Ṣafavī Sayyid, became a martyr by Ṣāhib Khān's orders,²¹⁶ 'Ādil Khān, Bānū Khān, and other officers and *silāḍārs* went in a body and unanimously complained of the favourite's tyranny. But Ṣāhib Khān was now the only person who had access to the king and he represented that the foreigners were traitors to their salt, and were rising in rebellion. The cries and shouts of those who sought but justice lent colour to Ṣāhib Khān's story²¹⁷ and the king, without any inquiry into the truth of the matter, issued an order for the slaughter of these oppressed people, and Ṣāhib Khān and his satellites, who were prepared for the success of their designs, attacked the foreigners. The Dakanī mob favoured the oppressors and the signal for the slaughter and plunder of the foreigners went forth on all sides and the mob rose to plunder and slay, so that the blood of the foreigners ran in rivers through the city and their dead lay piled in heaps, the mob slaying every foreigner whom they met. 'Ādil Khān and Bānū Khān, with some of the bravest of the foreign troops, fled to Bijāpūr, leaving the weaker foreigners, mendicants and traders, in the hands of the mob.

²¹⁵ Firishta says (ii, 276), that Asad Khān had nothing but the name of *vakil* and *pishvā*, and that all power in the state was wielded by Salābat Khān.

²¹⁶ Firishta says (ii, 274) that Ṣāhib Khān attempted to abduct Mīr Mahdī's daughter and, on meeting with resistance, attacked his house with two or three thousand men. Mīr Mahdī's sons, who were in the service of Ṣāhib Khān, guided the assailants to the back of the house, where Ṣāhib Khān's elephants destroyed the wall. Ṣāhib Khān's men then entered the house and slew the Sayyid.

²¹⁷ According to Firishta it was immediately after the defeat of Ṣāhib Khān by Husain Khān Tarshizi that he raised the Dakanis and Africans against the foreigners. Ṣāhib Khān, covered with dust, appeared before the king and falsely accused the foreigners of having risen in rebellion with the object of deposing him and raising to the throne his son, Husain. The king appeared at the head of the Dakanī troops and the foreigners, seeing that he had taken the field against them, retired to the kingdoms of Bijāpūr and Golconda. Those who remained in the city were slaughtered, and Qāzī Beg and Sayyid Murtazā, who had not taken part in the strife, informed Salābat Khān that he must somehow contrive to bring the facts of the case to the king's knowledge. Salābat Khān succeeded in presenting a petition to the king without Ṣāhib Khān's knowledge and received orders to prevent Ṣāhib Khān from re-entering the city. Ṣāhib Khān prepared to attack Salābat Khān who, not having a force sufficient to oppose him, withdrew to Mānikdaund, twenty-eight miles east of the city.

By this atrocious outrage the whole of the foreigners in Ahmadnagar were dispersed. Most of them took refuge with 'Alī 'Ādil Shāh; some joined Sayyid Murtaẓā, the *amīr-ul-Umrā* of Berar, while a few, who could neither fight nor flee, hid in lanes and byways.

After the event the king took up his residence in Ṣāhib Khān's house and stayed there for a long while. As nobody was allowed access to him, men began to doubt whether he was still alive and to give utterance to vain imaginings, but Ṣāhib Khān who greatly feared the remnant of the foreigners, which had taken refuge with Sayyid Murtaẓā in Berar, and who found that the king's fondness for himself was greater than ever, endeavoured to obtain an order for a general massacre of them, in order that they might be entirely rooted out and that he might be relieved from anxiety regarding them. He told the king that blood lay between him and the foreigners and that they were planning vengeance against him, wherefore he went in great fear. He implored the king to order a general massacre of them in order that his heart might be set at rest, but the king revolted from an action so base, and endeavoured in other ways to set at rest Ṣāhib Khān's fears and to soothe him; but in spite of all these endeavours, Ṣāhib Khān's burning hatred of the foreigners would not be quenched, and one night in his rage he let himself down from the wall of his house and fled with a small number of his followers towards Bijāpūr. As soon as the flight of this wicked wretch was made known to the king, who could not endure the absence of his beloved, he started in pursuit of him, by forced marches, came up with him near Parenda, and delighted him by promising to carry out his will, and, having thus rendered himself obedient to his desires, sojourned with him where he had found him.²¹⁸

But Ṣāhib Khān was not to be put off by fair words, and was ever insistent on the fulfilment of his object, which was the slaughter of Sayyid Murtaẓā and all the foreigners. The king, in order once more to set this wretch's mind at rest, decreed that the army should march from Parenda to Bīdar and should capture that fortress, in order that Ṣāhib Khān might be appointed to the government of Bīdar with the title of Barīd-ul-Mulk, and that as soon as Sayyid Murtaẓā joined the royal army in its expedition against Bīdar he might be overthrown. The foolish Ṣāhib Khān was pacified by this means and the royal army marched from Parenda towards Bīdar. When the army reached the Makūna tank and encamped there, Ṣāhib Khān exerted himself to the utmost to open the siege, and the royal army prepared to invest the fortress.²¹⁹

When 'Alī 'Ādil Shāh heard of the expedition of the army of Ahmadnagar against Bīdar he sent the Rizavī Sayyid, Mīr Muḥammad Rizā, as an envoy to Murtaẓā Nizām Shāh in order that he might ascertain whether the latter had any grievance against 'Alī 'Ādil Shāh and might strive to remove it and to promote peace and goodwill between the two kingdoms. The Sayyid reached the royal camp on the banks of the Bīdar tank, had an audience of the king, and acquitted himself of his mission. As long as 'Alī 'Ādil Shāh lived, Mīr Muḥammad Rizā remained at the court of Ahmadnagar as the Bijāpūr ambassador.

²¹⁸ According to Firishta, Ṣāhib Khān was disgraced by Salābat Khān and fled to Bīdar with two or three thousand horse and many elephants. There is no mention of his having gone to Parenda—F. ii, 276, 277.

²¹⁹ On the arrival of Ṣāhib Khān and Murtaẓā Nizām Shāh before Bīdar, 'Alī Barīd Shāh, hero unceremoniously called Malik Barīd, shut himself up in the fortress and appealed to 'Alī 'Ādil Shāh I for help. 'Alī 'Ādil Shāh sent him 1,000 horse on condition that he gave up to him two handsome eunuchs whom he possessed. The condition was fulfilled and one of the eunuchs slew 'Alī 'Ādil Shāh.—F. ii, 88, 277, 348.

When Malik Barîd saw the determination with which the royal army pressed on preparations for the siege, he secretly sent a messenger to Murtazâ Nizâm Shâh to make professions of humble submission and service, and the king's already existing disinclination to the siege of Bîdar was thus confirmed. The king then visited Şâhib Khân's tents in order to appease him and compensate him for the disappointment which the abandonment of the siege would cause, but Şâhib Khân, who had heard of the king's approach, escaped from the back of his pavilion and would not appear before the king. The next day the king summoned Asad Khân and gave to him, for delivery to Şâhib Khân, a jewelled belt, each jewel in which was worth the tribute of Bidar, with a message to the effect that if Şâhib Khân coveted anything from Malik Barîd he might take this belt in lieu of what he coveted.

Şâhib Khân accepted the belt and became outwardly reconciled to marching from Bidar. On the following day the army marched from Bidar towards Udgîr, and Şâhib Khân, on the pretext that he had now entered his *jâgîr*, left the royal camp with his *lavâldârs* and with the troops which his friends had placed at his disposal, and marched through the country laying waste and devastating both cities and districts by his tyranny and oppression wherever he went. Royal commands were issued for his recall, but he paid no heed to them and pursued his obstinate and contumacious course. He even aspired to royal power, hankered after the royal umbrella and *âftâbgîr*, and began to issue to the chiefs of the army farmans such as those issued by kings and to endeavour to attract the officers to his cause by means of deceitful promises, until at last by the agency of Jamshîd Khân, Khudâvand Khân and Bahrî Khân he met his death in the village of Ranjani²²⁰ as will soon be related.

The king halted one day in Udgîr and on the following day marched thence towards Kandhâr. When the royal army entered the districts of Kandhâr, spies and informers reported to the king that owing to his retirement and to the domination and the supremacy of Şâhib Khân, the army and the cultivators, nay all the inhabitants, both of the city and of the country, were firmly persuaded that he was dead and that the throne was vacant, and that a great body of them had therefore gone to the fort of Lohogarh where the kotwal Jûjâr Khân had given his daughter in marriage to the pious prince Burhân, had released that prince from confinement and had left him free to depart with a strong force, consisting largely of Foreigners who went in fear of Şâhib Khân, and that as Ahmadnagar was depleted of troops, it was possible that it might fall into the possession of Burhân.²²¹

When the king heard this news he was much perplexed and perturbed, fearing lest fate should now play him a scurvy trick, and he therefore sent Asad Khân to quell the prince's rebellion. Asad Khân with his troop left the royal camp and marched with all speed to

²²⁰ The name of this place is left blank in the India Office MS. I have supplied it from Firishta (ii, 278). Ranjani is situated in 19° 39' N. and 76° 11' E.

²²¹ Burhân-ud-dîn, brother of Murtazâ Nizâm Shâh I. He ascended the throne of Ahmadnagar on May 7, 1591, as Burhân Nizâm Shâh II, and it was after him that this work was named. He was detained by his brother as a state prisoner in the fortress of Lohogarh, where he had a *jâgîr* assigned to him and lived in ease and comfort. When Murtazâ went in pursuit of Şâhib Khân to Bidar, many of the *amîrs* wrote to Burhân informing him that his brother was mad and unfit to reign and inviting him to seize the throne. Burhân persuaded the commandant of Lohogarh to release him and hastened to Junnâr, where he raised a force of five or six thousand horse. He then assumed the royal title and advanced on Ahmadnagar. Murtazâ, on receiving the news, hastened back from Bidar and reached Ahmadnagar a day before Burhân. On his return he mounted an elephant, and with a view to silencing persistent rumours of his death, rode through the city. Stopping at a druggist's shop he asked the druggist whether he had any medicine for madness. The druggist said that he had, and the king said that he did not know whether it was he, who had retained the crown and royal title while living the life of a recluse, or his brother, who was attacking him without a cause, that was mad. The druggist replied that the king might set his mind at rest. He was not mad, for the affairs of the kingdom had been very well managed. The madman was Burhân, who had left a life of ease and comfort to attack a kind and generous brother. The king was much pleased, and gave the druggist a purse of a hundred *hâns*.—F. ii, 298, 299,

Ahmadnagar. The king then, without paying further heed to the affair of *Ṣāhib Khān*, marched from Kandhār towards the capital, and when he reached the bank of the Godāvāri he decided that it would be better to turn thence into Berar and to summon the *amīrs* of that province around him in order that they might march against Burhān with him. When some of the officers of the state and courtiers who were in attendance understood the king's design from what he said, they were unanimous in dissuading him from it and pointed out that to turn aside towards Berar would be far from wise and could but lead others to despise him (as one who shunned the fray). The king hearkened to their advice and marched on Ahmadnagar.

Asad Khān, who had started for Ahmadnagar before the king and had marched with the greatest speed, found, when he reached the city, a number of Foreigners, who for fear of *Ṣāhib Khān*, were hiding in holes and corners. He armed and drilled them and encouraged them with hopes of the royal favour and he now wrote to the king saying that Burhān, with an army eager for the fray, had left the town of Junnār and was now marching on the capital, and he urged the king to advance rapidly on Ahmadnagar in order to save the state.

When the royal army entered Ahmadnagar district, the king, with a view to pleasing and satisfying his subjects, who until now had heard nothing of him but his name, mounted an elephant and rode about through the city and the bazars, and all the Foreigners who had been lurking in holes and corners came forward, and once more entered the royal service.

The next day, at sunrise, scouts reported that prince Burhān, with nearly 3,000 horse and five or six thousand infantry had advanced to the village of Kānūr, two *gāũ* distant from Ahmadnagar, and was encamped there before the garden of the old water course. The king appointed Asad Khān to the command of the advanced guard and placed all the Foreigners under him, and then himself came forth from the city. Asad Khān marched to meet Burhān's army and a battle ensued, in the course of which some were slain and others wounded on both sides. It was now reported to the prince that the king was marching against him in person. The prince had hitherto had no intimation that the king was living²²² and had marched on Ahmadnagar in the belief that he was the rightful successor to a vacant throne, but now that he was aware that the king was living he paid him the respect due to him and rode off the field. Jūjār Khān and some others were killed in the fight and Bahādur Khān lost an eye by an arrow. A soldier severed Jūjār Khān's head from his body and took it to the king.

The king then commanded that Asad Khān should hasten in pursuit of the prince, but should be careful that nobody was slain. The prince made for the fort of Ahmadnagar. This affair took place on *Rabi-us-sani* 11, and it is a strange coincidence that the words *بازدم ماه ربیع الثانی*²²³ give the date of the year, which was 988 (May 27, A.D. 1580).

Asad Khān in obedience to the royal orders rode a short distance in pursuit of the prince but could find no trace of him²²⁴. As these matters will be fully dealt with in the account of the reign of Burhān Nizām Shāh, this brief record of them will suffice here.

LXXXV.—THE QUELLING OF THE REBELLION OF *Ṣāhib Khān*.

When the royal army returned from Kandhār to the capital, the wretch *Ṣāhib Khān* did not join it,²²⁵ but occupied himself in oppressing the people and devastating both town and country in his *jāgīr*, and although *farmāns* for his recall were issued repeatedly he, blinded by perversity and foredoomed, declined to obey them. Asad Khān and many other courtiers and officers who had suffered from the overbearing and tyrannical conduct of this wretch, now represented to the king that this low-born scoundrel had transgressed

²²² Burhān's followers were under the impression that the king was dead, and it was in this belief that they were supporting him, but Burhān himself seems to have been well aware that his brother was alive. Sayyid 'Alī could not, however, describe his patron as a rebel.

²²³ The chronogram gives the date 987, which is a year short.

²²⁴ Burhān, on this occasion, fled to Bijāpūr, but returned to Ahmadnagar two years later in the guise of a *darvīsh*—F. ii, 299

²²⁵ According to Firishta (ii. 277) he went to Paithān.

all bounds, and in the extremity of his folly, ignorance, pride, and arrogance aimed at royal power, and had gone forth into the land oppressing the people and raising strife everywhere until the people, the army, the *amīrs* and the officers of state could endure his tyranny no longer and had left their land and hereditary homes in a body, while tumults arose everywhere and on all sides. They said that unless the king took the field in person against this rebel he might soon become so strong that it would not be possible to overthrow him. They so plied the king with arguments of this nature that orders were at length issued to the effect that Sayyid Murtaẓā and the *amīrs* of Berar should march against Ṣāhib Khān, and either bring him to Ahmadnagar or drive him forth of the kingdom, and thus free the people from his tyranny.

Sayyid Murtaẓā, who had for years been anxious for permission to act thus, seized his opportunity and sent Jamshid Khān, Khudāvand Khān, and Bahri Khān with other officers and a body of troops as an advanced guard to act against Ṣāhib Khān, while he followed them. These *amīrs*, marching with the rapidity of the wind, came up with Ṣāhib Khān at the village of Ranjanī.

Ṣāhib Khān was quite ready to fight and began to prepare for battle, but the *amīrs* sent a message to him to say that they had come not to fight, but to pay their respects to him. The fool believed them and hastened forth to meet his death. When the *amīrs* met that prince of evil-doers they at once slew him and quenched the fire of strife and tyranny with the water of the sword, freeing the people of the country and of the towns from his oppression.²²⁶

When the news of Ṣāhib Khān's death was brought to the king he was much grieved and vexed, and conceived a hatred for all the *amīrs* and officers of state. He withdrew entirely from all public business and formed the intention of abdicating and of retiring entirely from the world. He frequently told his more intimate courtiers that he devoutly and sincerely wished to repair what was past and to atone for his past errors, to which end he proposed to retire altogether from the world and to devote the rest of his life to an attempt to secure eternal happiness. He said that he had a desire to travel and to make pilgrimage to Makkah, Madīnah, and to other holy places, to spend the rest of his life in acquiring merit for the world to come, and after life's worldly disputes to attend to his own welfare. He said that he knew that the affairs of the state could not go on without a just ruler, that in this matter reference should be made to the Sayyids, who were the true rulers of men, and that they should select one of them, who should seem to be most fitted for the office, to manage the affairs of the state in order that he himself might abdicate. The courtiers would not assent to the king's proposal, and said that they were unable to find anybody who would be equal to this great task. But the king had become weary of his crown and, with a few of his confidants, passed over secretly, in the guise of a *darrīsh*, into Humāyūnpūr. When the *amīrs*, the officers of state, and the officers of the army became aware of the king's

²²⁶ According to Firishṭa. Ṣāhib Khān sent to Bahri Khān, the Qizilbāsh in Ranjanī, demanding his daughter in marriage and Bahri Khān replied that it was not fitting that a fowl-seller should mate with the sisters and daughters of *amīrs*. Ṣāhib Khān marched on Ranjanī, and Bahri Khān, who had not sufficient force to oppose him, fled to Jālnā, where he joined Jamshid Khān Shirāzī. Meanwhile Sayyid Murtaẓā Sabzavārī, in obedience to the royal command, sent Khudāvand Khān and other *amīrs* to Ṣāhib Khān to advise him to return at once to Ahmadnagar, but secretly instructed Khudāvand Khān to kill Ṣāhib Khān if he could. The mission was joined at Jālnā by Jamshid Khān and Bahri Khān and then went on to Ṣāhib Khān's camp, where they sarcastically begged that they might be admitted to the honour of an interview. Ṣāhib Khān, who was drinking wine and apparently intended to receive them with scant respect, failed to perceive the sarcasm and gave orders for their admission. On perceiving that they were armed, he rose to receive them with proper ceremony. Khudāvand Khān, while embracing him, cried out that Ṣāhib Khān was trying to crush him, and suddenly putting forth his strength crushed Ṣāhib Khān's ribs, threw him to the ground, and finished him with his dagger. Ṣāhib Khān's force then dispersed. Sayyid Murtaẓā reported to the king that he had obeyed his commands with regard to Ṣāhib Khān, but that when his messengers had reached his camp Ṣāhib Khān had foolishly attacked them, and had lost his life in consequence. The king was much grieved by his favourite's death, but the satisfaction was so general that he could not venture to take any steps in the matter.—F ii, 278.

design, they hastened after him and had an audience of him near Humâyûnpûr. Here they, with the Sayyids and learned men, saluted him and implored him to resume the reins of government, saying that God had created him to rule the kingdom, that the regulation of the affairs of all its inhabitants depended on him, that to forego so great a task was reprehensible in the eyes both of God and of the people, and that as the happiness of the world depended on the due exercise of authority, no greater act of worship than this could be conceived. The king replied that he was sick of worldly affairs, that he was firmly resolved to make a pilgrimage to the tomb of 'Ali, and that they might elect whom they would to the throne, and leave him in peace. The Sayyids, the learned men, the *amîrs* and *vazīrs*, chief among them Sayyid Shâh Haidar, bowed their heads to the ground and earnestly told the king that his design was neither wise nor permissible by the sacred law, as its fulfilment would lead to strife and disturbances and the ruin of the country and its people; and especially of the Sayyids and learned men from *Khurâsân* and *Irâq* who had lived in peace and happiness under the protection of the king and who, by his removal of himself from the head of affairs, would be plunged into grief, trouble, and annoyance, a state of affairs which could not be but displeasing both to God and to His prophet. The arguments of the Sayyids and learned men convinced the king and he desisted from his purpose of abdicating, and appointed Shâh Haidar *vakîl* and *pîshvâ*, at the same time saying that as God had entrusted the government of His people to himself, so he in like manner handed the care of them and their affairs to Shâh Haidar, whom he enjoined so to deal with the people thus placed under his care that he might earn their gratitude and God's reward, by promulgating the divine commands and insisting on the observance of the sacred law.

When the king had concluded his counsels to Shâh Haidar, he returned to the capital and passed his time in ease and enjoyment in the fort of Ahmadnagar, entrusting the whole administration to Shâh Haidar, before whom all the *amîrs* and officers of state used to assemble and transact the business of the kingdom.

When Shâh Haidar had acquired the supreme power in the state, he forgot the king's counsels and decided questions in accordance with his own personal predilections so that in a short time not only the great officers of state, but all the army, were loud in their complaints of him, for they feared and abhorred his violent behaviour and his easily excited wrath, and Maulânâ Vâlihi, one of the most witty and versatile men of the time, satirized him in the speech of *Khurâsân* as follows:—

The king's mind in his cups was not so distraught

As the people were dissatisfied with Asad Khan's *pîshvâ*.'
 بوقت کيف چنان شر دماغ پریشان نہ کر خاق راضی بر پیشوائی اسدخان نہ

Although Asad Khân had made great endeavours to bring about Shâh Haidar's elevation to the office of *pîshvâ*, Shâh Haidar was very suspicious of him, and was ever compassing his overthrow. At this time he made a pretext that some *amîrs* should be sent to the borders of Burhânpûr in order that they might guard the kingdom from the inroads of enemies. Asad Khân, with a number of other *amîrs*, was appointed and was dispatched to Daulatâbâd.

One affair which alienated all, both gentle and simple, from Shâh Haidar, was his conduct in the matter of the *jâgîrs*, which had originally been granted to the late Shâh Tâhir. Some four hundred *parganas* had been thus allotted and these were now all held in *in'âm* by various *amîrs* in close attendance on the court. Shâh Haidar, without any *farmân* from the king, transferred the whole to his own name and thus transferred from their holdings many who were not willing to leave them, even when receiving compensation. This matter distressed the king greatly and although he endeavoured to prevail on the dispossessed *amîrs* to accept other *jâgîrs* in lieu of those which they had lost, he failed to do so.

At this time the king gave orders for the preparation of a great banquet, and the officers and servants of the household set to work to prepare it, and on this occasion Shâh Haidar ignored the orders which he had received from the king in the matter of prohibiting forbidden

things and removed all prohibitions from them. When the king was informed of this removal of prohibitions, he wrote to Shāh Ḥaidar asking how he, a Sayyid, could thus set at nought the commands of the Sacred Law and how he could justify his breach of the royal commands. Shāh Ḥaidar made many excuses and endeavoured to appease the king, but all to no purpose, and one day in the course of the feasting, the king, on the pretext that he desired to walk in the garden of the watercourse, parted from all the *amīrs* and *vazīrs*, who were enjoying themselves, and made off to Daulatābād. The first person to discover his absence, and to follow him and pay his respects, was Ṣalābat Khān. When Shāh Ḥaidar and the other officers of state and courtiers discovered that the king had left for Daulatābād, they followed him with all haste and paid their respects to him, some, while he was on the way, and some in Daulatābād itself. When the king reached Daulatābād, he summoned Asad Khān, who was encamped with his troops in that neighbourhood, and addressed them in open *darbār*, saying that he was tired of the business of the state and of worldly affairs and purposed to make a pilgrimage to Makkah. All present implored the king not to abandon the ship of state, pointing out that he alone had been chosen by God to guide it and that his desertion of it would be displeasing to God and would lead to the ruin of the kingdom and its inhabitants. Before all the rest, Sayyid Mīr Muḥammad Muqīm Rizavī uttered affecting words in the endeavour to turn the king from his purpose, and all the learned men delivered *fatvās* in accordance with the scriptures and traditions, and with tears implored the king not to leave them, until at length the king, taking compassion on his subjects, abandoned his project. He then called Asad Khān to him in private and again requested him to undertake the office of *vakīl* and *pīshvā*. Asad Khān declared that he was unable alone to undertake the duties of so responsible a post, and requested that Ṣalābat Khān might be associated with him in the office and might relieve him of some of its duties. Ṣalābat Khān was a Circassian slave whom Shāh Tahmāsb, Shāh of Persia, had sent as a gift to the late king. His wit, readiness and knowledge had advanced him in the royal service and he daily advanced in dignity until at length he ascended the seat of the *vakīl* and *pīshvā*, as will be set forth. The king tried hard to persuade Asad Khān to accept office without a colleague, but Asad Khān persisted in his refusal to accept it unless Ṣalābat Khān were associated with him. At length the king said, 'You are now making Ṣalābat Khān your colleague of your own free will, but the day will come when you will repent it and will taste the bitterness of collaboration with him.' And the king's words came true, for Ṣalābat Khān mastered Asad Khān, and day by day deprived him of some power in public business until at length he brought about his dismissal and threw him into prison, as will be seen.

Asad Khān then, in accordance with the royal command, introduced Ṣalābat Khān to the presence and caused him to be invested with the *sar-u-pā* of the office of *vakīl*, just as he himself was invested, and the two then undertook the duties of their office and settled all matters of state. After Asad Khān and Ṣalābat Khān had been inducted into the office of *vakīl*, the king ordered that Shāh Ḥaidar should move to the town of Daulatābād and reside there until he received further orders. He was afterwards transferred from the town to the fortress of Daulatābād and remained there for a time unemployed and in retirement. He was then recalled by the royal command to Ahmadnagar and was sent thence to the port of Rājpurī which was appointed to him as his *mughāṣā*.

Some days later the king returned from Daulatābād to Ahmadnagar, where he took up his dwelling in the old garden of the watercourse and there remained for twelve years in seclusion and retirement, in no way concerning himself directly with the affairs of state,

while Asad Khân and Salâbat Khân repaired daily to the neighbourhood of that garden and decided causes there, and if a case demanded the royal orders, they approached the king through a young eunuch who had access to him and carried out such orders as they received through the same source. Occasionally the king would issue written orders to one of the officers of state or courtiers. Those in the royal service and those who had petitions to make approached and attached themselves to Asad Khân and sometimes to Salâbat Khân, while there were some who used to pay equal court to both. Thus the learned and accomplished Mirzâ Şâdiq, Urdûbâdî, who was from 'Irâq and was a great wit, and was at this time in the royal service, wrote the following two couplets on the state of affairs:—

'In my perplexity, bewilderment and confusion I am by night a partisan of Asad Khân, and by day a follower of Salâbat Khân,

That is to say, by the tyranny of fate, which cherishes the base,

I, poor wretch that I am, am by turns a *Gabr*, and a Christian.'²²⁷

The king passed most of his time in seclusion in reading books, and when he came across any difficult or knotty points he would lay them before the learned men of the court for solution, and the learned men, having resolved them, would write their replies and submit them for the king's perusal. I shall now record some of these questions and answers, but I would here remark that as all the learned men of the court wrote treatises on the questions laid before them by the king, I cannot reproduce all these without interfering with the continuity of this history. I shall therefore content myself with reproducing some of the replies given to the king's questions by the learned Shâh Fathullâh Shîrâzi, the most learned and deeply read man of the age. It was at this time that I came from 'Irâq to Ahmadnagar, and learnt something of these disquisitions, but if at any time I am in doubt regarding any matter, I shall mention the fact.²²⁸

(To be continued.)

VACHANAS ATTRIBUTED TO BASAVA.

TRANSLATED BY RAO SAMB P. G. HALKATTI, M.L.C.

(Continued from p. 12.)

N. Have Faith.

1. They say, 'God is fond of sound.' Nay, God is not fond of sound. They say, 'God is fond of the Vedas.' Nay, God is not fond of the Vedas. The life of Râvaṇa who knew the sound was cut short to one half. The head of Brahmâ who knew the Vedas was cut off. Hence, He is neither fond of sound, nor is He fond of the Vedas. But our Kudalasaigama Deva is fond of faith.

2. If you wish to acquire this treasure called Faith, you should first anoint your eye with the ointment called love of God. The knowledge of the servants of our Kudalasaigama Deva is itself a sovereign medicine.

3. It destroyed the five Brahmās. It hurled away the Praṇava¹² Mantra. It drove away karmas. It stood above actions. It broke the teeth of the Āgamas.¹³ Such is the elephant of faith, belonging to Kudalasaigama Deva.

²²⁷ This is a hit at Salâbat Khân's Christian origin. It is not clear why Asad Khân should be referred to as a Gabr or Zoroastrian. He was a Georgian by origin and therefore, probably a Christian before he was captured by Muslims.

²²⁸ I have not reproduced any of the trivial questions which perplexed the disordered mind of Murtazâ Nizâm Shâh.

¹² The sacred syllable *Om*. ¹³ These are manuals of teaching and practice used in certain Śaiva sects.

4. They cannot believe, they cannot trust, and they call in vain. These worldly men know not how to believe. If they believe and call, will not Siva answer them ? But if they call without believing and trusting it is all useless. Our Kudalasaigama Deva says, "Let them shout from the top of a tree !"

5. I am not one to ask like Dâs for imperishable treasure. I am not one to ask like Chola that it should rain gold. Be not afraid, be not afraid. I am not one like these. O my Father, Kudalasaigama Deva, favour me always only with that excellent faith in Thee.

O. Worship with a Pure Heart.

1. You bring cart-loads of flowers and bathe the Liṅga wherever you please. But do worship without taking such trouble. For God does not want you to take such trouble. Does Kudalasaigama Deva become soft merely by the use of water ?

2. If an angry man bathes the Liṅga with water, that water is a stream of blood. If a sinful man offers a flower, that flower is a wound from a sharp blade. I see none that loves God, except Channayya the Mahâr. I see none that loves, except Kakkayya the tanner. It is Machayya the washerman who is all-pervading. Ah, they are Thy relatives, O Kudalasaigama Deva.

3. You worship the Liṅga and do what ought not to be done. This is like letting fly an arrow at a deer under cover of a white ox. Our Kudalasaigama Deva does not receive worship from the hands of a thief or an adulterer.

P. Meditation upon the Liṅga.

1. Ah, my bodily connections are severed, and I know no other connection whatsoever. I am strongly drawn towards Thee ; I cannot part from thee. O thou smiling-faced king, give me attention. I am in haste to pierce Thy mind and enter, O Kudalasaigama Deva.

2. I will not allow greed, anger, or joy to touch my senses, and so I shall make my conduct divine. I will act with fear and faith. With no deceit in my mind, I will worship with a pure heart, and so join myself to Kudalasaigama Deva with all the force of my life.

3. O when shall I gaze at the Liṅga in my palm with my eyes showering down limitless tears ? O when shall the sight of the Liṅga be my life ? O when shall union with the Liṅga be my life ? When shall I lose all connection with my bodily disorders, O Kudalasaigama Deva, and say continuously, "Liṅga, Liṅga, Liṅga" ?

Stage II: Mahesa : Divine Power.

A. Be Firm.

1. Does a servant, having laid hold, let go ? Does a servant, having let go, still hold ? Does a servant fail in courtesy ? Does a servant tell lies ? If he fails in natural goodness, Kudalasaigama Deva will slit his nose, so that his teeth may fall out.

2. There is an obstinacy wanted in a servant, viz., that he should not covet other people's wealth ; that he should not desire other man's wives ; that he should not seek other gods ; that he should crush adverse critics ; that he should believe God's grace is real. Our Kudalasaigama Deva is not pleased with those that are not obstinate.

3. You should be like a weapon in the hands of a warrior. You should endure even though they plague you. When your head is struck off, and your body falls upon the ground, if you still shout, our Kudalasaigama Deva will be pleased with you.

4. I am severe in justice ; I have no pity nor mercy ; I oppose the whole world. I am not to be afraid even of other servants, because I live in the royal lustre of Kudalasaigama Deva.

B. Face Difficulties.

1. If you, being a devotee of God, approach Him, thinking that He will take you up to heaven, He will first pound you ; He will crush you ; He will make you dust ; He will make you ink. But if you still firmly believe in Kudalasaigama Deva, He will at last make you Himself.

2. If I say 'I believe Thee,' if I say 'I love Thee,' if I say 'I offer myself to Thee,' Thou wilt first shake my body; Thou wilt shake my wealth; Thou wilt shake my mind, and so examine me. If I fear not, our Kudalasaṅgama Deva will then tremble at my faith.

3. Do not expect, because God is good, that you will get only good from Him. Is one that torments you fearfully good? Is one that makes you cry and laugh good? But if you work as a slave without being alarmed and frightened, Kudalasaṅgama Deva will surely offer Himself to you.

C. *Be Fearless.*

1. I will not lose courage, how much so ever it may cost me. Even though my bones protrude, my blood-vessels be torn, and my bowels drop out, I will not lose courage. Even though my head be torn off and my trunk falls to the ground, still my tongue shall say, "O Kudalasaṅgama, I submit myself to Thee, I submit myself to Thee."

2. Look at his house: it is the house of a poor man. Look at his mind: it is great. He is pure in his touch, and courageous in all his limbs. He has nothing for his necessities; yet he has everything when the need arises. The servants of Kudalasaṅgama Deva are independent and courageous.

3. One that runs away is not a soldier, and one that begs is not a devotee. Hence, I will not run, nor will I beg, O Kudalasaṅgama Deva.

4. I am not a soldier who is all hollow within. I am a soldier who is watching for Thy time. I am not a soldier who would break and fly. For hear, O Kudalasaṅgama Deva, to me death itself is the great festival of Mahā Navamī!

D. *There is One God.*

1. Thou art the only Lord and Thou art eternal: this is Thy title. I proclaim it so that the whole world may know. There is no word beyond the Almighty God, the Almighty God. Paśupati is the only God in the whole universe. In all the heavenly world, the mortal world and the nether world, there is only one God, O Kudalasaṅgama Deva.

2. I did not see those so-called gods alive, when the four yugas and the eighteen cycles of those yugas were being destroyed; nor do I see them now. I did not see them, when all was burning; nor do I see them now. Neither that day nor this day, do I see those gods, except Kudalasaṅgama Deva.

3. There are some gods that always watch by the doors of the houses of men. They do not depart, although told to depart. They are worse than dogs, these same gods. There are some gods that live by begging from men. What can they give? But our Kudalasaṅgama Deva will give you whatever you ask.

4. How can I say that the god that, filled with lac, melts down, or the god that, being touched with fire, twists itself, is equal to Him? How can I say that the God that is sold, when the time comes, is equal to Him? How can I say that the god that is buried, when there is fear, is equal to Him? Kudalasaṅgama Deva is the only one God whose state is natural, who is in union with truth, eternal, pure and chaste.

5. O think: there is only one husband to a wife that loves. So there is only one God to the devotee that believes. Oh, do not seek the company of other gods. To speak of other gods is adultery. If Kudalasaṅgama Deva sees it, He will cut your nose.

E. *God is Universal.*

1. Ah, wherever I look, there Thou art, O God! Thou Thyself art one with a universal eye. Thou Thyself art one with a universal mouth. Thou Thyself art one with universal arms. Thou Thyself art one with universal feet, O Kudalasaṅgama Deva.

2. Thy width is as wide as the universe, wide as the sky, wide as the widest. Thy auspicious feet are far beyond the nether world, and Thy auspicious crown far far above the globe of the Universe. O Liṅga, thou art unknowable, immeasurable, impalpable, and incomparable, O Kudalasaṅgama Deva.

F. *Do not Believe in Expiatory Ceremonies.*

1. A Brāhman by caste incurs great sins. For, he holds forth his hands for sins committed by anybody. Is such an one equal to the devotee of God? What shall I call him who, saying that he will transform Māchala-devī, a woman of the carpenter class, into a woman of high caste, makes her pass through the gold image of a cow, cooks food in milk and eats it on castor-oil leaves, O Kudalasaṅgama Deva?

2. O you who have committed sinful deeds! O you who have killed a Brāhman! Say only once, "I yield myself to God." If you say once, "I submit," all sins break and fly away. Even mountains of gold will not suffice for expiations. Hence, say only once "I submit," to that only one, our Kudalasaṅgama Deva.

G. *Do not Sacrifice.*

1. Leave it alone, that Horse-sacrifice, leave it alone, that Initiation into the Ajapa Mantra. Leave it alone, that offering in fire, and those countings of the Gayatri¹⁴ spell. Leave them alone, those charms and incantations for bewitching people. But the company and the words of the servants of Kudalasaṅgama Deva, mark, are greater than any of these.

2. Your destiny does not allow you to look forward. You are like an ox that turns ceaselessly round and round the block of wood in the oil mill. O mortals, be not ruined in vain, but worship the Liṅga ceaselessly. Our Kudalasaṅgama Deva is not pleased with those thread-bearers that repeat the 'mantra' of cutting the necks of other creatures.¹⁵

H. *Do not believe in Astrology, Devils and Omens.*

1. O Liṅga, whence comes the auspicious junction of the stars, whence the obstacles of the stars? Whence come the ill aspect of the stars, and the unpropitiousness of the day? O Liṅga, to one who unceasingly meditates upon Thee, whence is their karma?

2. Do not say 'that day,' 'this day' or any other day. There is only one day to him who says, "O Śiva, I submit." There is only one day to him who unceasingly meditates upon Kudalasaṅgama Deva.

3. With one who knows not the subtle path of God, the time of the eclipse is far superior to the twenty-four tithis.¹⁶ The fast day is far superior to 'Sankranta.'¹⁶ Sacrificial offerings, and the daily rites are far superior to Vyatipāta¹⁶! But to one who constantly meditates on Kudalasaṅgama Deva, such meditation is far superior to innumerable countings of mantras and the performance of severe penances.

4. Oh see, devils and ghosts are not far away! What in reality are devils? It is a devil if your eyes see amiss. It is a devil if your tongue speaks amiss. It is a devil if you forget meditation on Kudalasaṅgama Deva.

5. There is a snake-charmer who is going out with a snake in his hand to ascertain, with his noseless wife, an auspicious time for his son's marriage. Then he sees on his way another snake-charmer with a snake in his hand, coming before him, accompanied by his

¹⁴ The most sacred prayer in the *Rigveda*, found in III, lxii, 10.

¹⁵ Those Brāhman priests who wear the sacred thread and repeat the liturgy which accompanies animal sacrifice.

¹⁶ These are astronomical terms used in determining lucky and unlucky days.

noseless wife. At that he says he has had a bad omen, and returns. Do look at this wise man! His own wife is a noseless woman, and he himself holds a snake in his hand. O Kudalasaṅgama Deva, what am I to call this dog who, not realizing his own noseless woman and his own meanness, speaks ill of others?

I. *Do not believe in Caste.*

1. Do they look for beauty in an enthroned king? Should they look for caste, when one is a worshipper of God, Liṅga? Why, it is the word of God that the devotee's body is His body.

2. None but the ancients can know it. O stop, stop! Only the devotee of God is of the highest caste. Hence no distinction of caste should be observed. He is neither born nor unborn. The servant of Kudalasaṅgama Deva is limitless.

3. When a devotee comes to my house, with the symbol of God¹⁷ on his person, if I then ask him what his caste is, I adjure Thee by Thy name, I adjure Thee by the name of Thy Pramathas, let my head be a fine, let my head be a fine, O Kudalasaṅgama Deva!

4. What if he has read the four Vedas? He that has no Liṅga is a Mahâr—What if he is a Mahâr?—He that has the Liṅga is Benares. His clusters of words are good. He is holy in all the worlds. His *prasâd*¹⁸ is nectar to me. It is said, "My devotee is dear to me, even though he is a Mahâr. He is acceptable to me. He should be worshipped even as I am." Since it is so said, then he that worships Kudalasaṅgama Deva, and knows Him, is greater than the six philosophies and is pure in all the worlds.

5. The Vedas trembled and trembled; the Sâstras retired and stood aside; Logic became dumb; the Āgamas went out and withdrew; for our Kudalasaṅgama Deva dined in the house of Channayya, the Mahâr.

6. What does it matter what caste he belongs to? He that wears the symbol of God is of the highest caste. It has been said "The caste of him who is born from God is sacred and he is free from births. His mother is Umâ and his father is Rudra, and certainly his caste is Īvara." Since it is so said, I will accept the remains of their food and will give them my child in marriage. O Kudalasaṅgama Deva, I place my trust in thy servants.

(To be continued.)

BOOK-NOTICES.

EPIGRAPHIA BIRMANICA, vol. II, pt. I. The Talaing Plaques of the Ananda Text. Ed. CHAS. DUROISSELLE, Archæological Survey of Burma. Rangoon, Govt. Press, 1921.

The glazed plaques on the Ananda temple at Pagan, Upper Burma, have long interested students, but as the legends are all in Talaing, the actual information about them has always been meagre. There are 389 of these plaques on this site which illustrate in series (and hence their importance) the stories contained in the last ten *Jâtakas*. The plaques are, of course, old and have become much damaged by time and the hand of ignorant man wishing to preserve the temple by annual doses of whitewash. It is therefore important to have these legends adequately deciphered, read and explained. The lasting value

of this volume of the *Epigraphia Birmanica* lies in the contribution it contains towards an adequate Talaing Dictionary.

R. C. TEMPLE.

ANNALS OF THE BHANDARKAR INSTITUTE, Vol., II, pt. 2, 1921, Poona City.

At pp. 201 ff. is the First Report on the Search for Avesta, Persian and Arabic Manuscripts by Professor Nadi Shah Dorabji Minocher-Homji. I wish to draw attention to this very valuable work which I feel sure all those interested in Indian research will heartily welcome. It is specially interesting to know that many invaluable documents will in this way find a home in the Bhandarkar Institute.

R. C. TEMPLE.

¹⁷ That is the linga.

¹⁸ Food from a god's table is called *Prasâd*, a grace gift: the writer says that food from a Mahâr devotee's plate will be *Prasâd* to him.

FURTHER SPECIMENS OF NEPALÍ.

BY R. L. TURNER.

OF the following passages the first three continue the story begun in the 'Specimens of Nepālī' which have already appeared, *ante*, Vol. L, pp. 84-92. It is the story of the first phase of the British advance in Palestine which, beginning with the capture of Gaza in November of 1917, ended with the seizing of the pass leading from the plains to Jerusalem and the capture of the commanding height of Nebi Samwil. In these operations one Indian and two Gurkha battalions played a not unimportant part. They were the 58th Vaughan's Rifles F.F and the 2nd and 3rd battalions of the 3rd Queen Alexandra's Own Gurkha Rifles. There were at that time only four regular Indian Infantry battalions in the attacking army; and, when on the 19th of November the 21st Corps was swung round into the Judæan Hills, these battalions found themselves in the familiar environment of hill-fighting. Entirely without artillery support, in the face of powerful enemy artillery, as advance guard to the 75th Division, they drove the Turk from ridge to ridge, until a panting charge through dense mist and rain and the gathering darkness of the evening of the 20th won them the village of Kuryet-el-Enab (the ancient Kirjath Jearim), at the very summit of the pass.

Afterwards on the 21st, 22nd, and 23rd the two Gurkha battalions and the 123rd Outram's Rifles played a leading part in the attempt of the 21st Corps, reduced by more than a fortnight's continuous fighting, to cut off Jerusalem from the north. The attempt failed, and Jerusalem did not fall for another month; but the many graves beneath the terraces of El Jib (Gibeon) and on the slopes of Nebi Samwil (Mizpah) gave witness to the gallantry of the attempt. Nebi Samwil itself was seized and held: and though attack after attack surged up its slopes, while Turkish guns west and north of Jerusalem pounded its summit and destroyed the mosque (for it was the scene of some of the bloodiest fighting of the campaign), it never left our hands. Englishmen and Scots, Gurkhas and Indians fought over its blood-stained stones. At one time all that we held was the courtyard of the old Crusaders' Church, into which the remnants of the 2/3rd Gurkhas closed, to hold it to the last. But the Scots of the 52nd Division came to their aid; and the hill was held, to the doom of all Turkish hopes of retaining Jerusalem.

The fourth passage is a song composed and sung by men of the 2/3rd Gurkhas on the day on which the conclusion of the armistice with Turkey was announced. The English reader will recognise the language of the chorus. The effect is curiously pathetic. This battalion was mobilised with the Meerut Division for France in August 1914, and landed again in India on the 31st March 1919, only almost at once to supply drafts for the fighting in Afghanistan.

The last passage is written in standard spelling, since it was copied by a Gurkha, not by myself. Often have I heard these and similar songs sung, now, it may be, by a solitary little figure sitting on the bank of the Suez Canal or under a fig-tree on the Plain of Sharon, now to an admiring audience of his fellows sheltered in some Cave of Adullam from the rainstorms driving over the bleak stony hills of Judæa or Galilee. They may not be great poetry, but they are real; and a line such as this:

Dasāī ra tārīkh unis sau pandra mārea kã mainā mā
or

Pacīsai tārīkh unis sau pandra Siṭambar mainā mā

cannot be denied the having a certain Homeric flavour. The English '10th March 1915' looks and sounds so much more prosaic.

I.

A BOMB ACCIDENT.

Teā bāṭi cā biskut̃ khaierā Agari beryū. Jānda *jānda* ē kampani le (tyō caur mā bhāgnā nā sakarē Turki ka tinoṭa sipai bam phālne manche *lugi* bāseka rēchan) tiniheru lai pakrerā pachi paṭhai diu. Tyō din mā kēi larai bhāienā. Rāti mā Turki kā rēlwe mā pikaṭ bāsyō. Tyō *rāt* bhari (Turkiheru kā ghōra bhāsi *khacāreru* lai Turki le āphe mārērā gāka rēchan) ganaierā *basi* saknu bhāienā. Thūla *kaṭhin* le rāt *kāṭyō*. *Ujelo* bhoiere *dēkta* thiū : yō ghōra *khacāreru* mareka *sari rāka rēchan* aru Turki ka gāriheru bam ko samān tise latha liē phāli rākhēko rēchē aru bameru bam ka diṭanēṭer rēl hinne bāṭa ka taltirē phāli rākhēka rēchan. Tyō ṭhaū mā hamra sipaiheru le tāmā ko sāno sāno dhūgro jasto dēkherā ‘*Kē hō ?*’ bhāni hāt mā linda yōṭa le ōrka lai dekhaunda ōrka manche le bhānyo : “Is ka bhitrē *kyā chā?*” bhāni dhuṇa mā ṭaktak hānda tyō dhūgro phat̃ goio. Phat̃ goierā (tyō dhūgra khelaune tinoṭa manche thie) jō manche le te lai ṭaktak gārya thiū dhuṇa mā tyō manche lai tē lathaliē banaio : ākha paṇi phuṭāli diu ; duiṭai hātē ka āḷa urai diu ; āphnu jiu bhari dule dulo pāri diu : yōṭa kṛṭa paṇi bhāci diu ; aru duiṭa manche lai ghail banaio.

Translation.

From there, having eaten biscuits and tea, we advanced. As we were marching (on that plain, being unable to escape, three Turkish soldiers, bomb-throwing men, are hiding). A company seizing them sent them to the rear. On that day there was no fighting. At night a picquet was set on the Turkish railway. All that night (the Turks had gone after having themselves killed their own horses, buffaloes and mules) from their stink it was impossible to rest. With great difficulty the night was passed. When dawn came, we saw that these dead horses and mules remain here decaying and the Turks' waggons and bombing apparatus have been thrown away anyhow and bombs and bomb-detonators have been thrown away below the railway. In that place our men seeing something like a small copper tube, saying ‘What is this?’ and taking it in their hands, one showing it to another, the other man said : “What is there inside this?” So saying he struck it with a tap on a stone : that tube burst. As it burst (the men playing with that tube were three) it scattered in pieces the man who had tapped it on a stone ; it blew out his eyes : it blew off the fingers of both hands ; all over his body it made hole after hole ; one leg too it broke. The other two men it wounded.

Notes.

jānda : as far as I can tell this is correctly represented and should not be *jāda*. It does not seem to differ in sound from *jānda* pres. part. fr. *jānnu* ‘know’. In all probability this full nasal is a not the direct descendant of the Skt. *n* (*jānda* : Skt. *yānt* –) but is developed from the nasalised vowel before *d* : thus *yānt* – > *jānd* – > *jānd* –. What is essentially the same change is found when *g* or *b* (final or intervocalic) preceded by a nasalised vowel become *ṅ* or *m* : e.g., *tāma* < *tābā*, *dhuṇa* < *dhūgo*. A similar problem arises with the present-future tense : e.g., *jānchu* or *jāchu* ‘I am going’ or ‘I shall go’. In any case this appears to be a contraction of two separate forms : (1) *jānc chu* ‘I shall go’ ; (2) *jānda* or *jāda chu* ‘I am going’. Possibly *jānchu* represents *jānc chu* and *jāchu* *jāda chu*. But the two are undoubtedly confused in speech, as in writing.

lugi < *luki*. As so often, a breathed intervocalic stop has become voiced. Cf. *pugnu* < *puknu* (cf. *kās*, *pakun*). The change appears to be more general in the case of *ṭ* preceded by a nasalised vowel : e.g., *kāṭo* < * *kāṭo* (*kaṭaka*), *bāṇu* < *bāṇu* (*vaṇa*). Without

preceding nasalisation in the numeral ending *-ôrâ* beside *-ôṭâ*. The enclitic *caĩ* also appears as *dzaĩ*. Cf. also *garnu* < *karnu* (*karôti*), where *k-* belonging to what has been treated as an auxiliary word has not kept its force as an initial. Cf. Pkt. *hôi* < *bhavati*.

râti is properly a locative < Pkt. *rattiaṭ rattiam* (Pa. *rattiam*), while *rât* is the direct case < *rattĩ rattim*. In actual use *râti* means 'at night', but is also frequently used with the postposition *mā*, as here. Cf. in the next line *tyô rât bhari*.

khac̣ereru < *khaccarharu*.

basĩ: apparently here stands for *basna*. Normally *saknu* 'be able' is preceded by the oblique infinitive in *-na*, and *saknu* 'be finished with' by the indeclinable participle in *-i*. But the latter is frequently heard with *saknu* 'be able', and its use here is perhaps due to the desire to avoid two consecutive infinitives. There is moreover in these verbs a certain overlapping of meaning: e.g., *garna sakē* 'I have been able to do' and *gari sakē* 'I have finished doing' both refer to a completed action.

kaṭhin: adjective used as substantive = 'difficulty', as so commonly in Nepālī. The dividing line between adjective and substantive is very ill-defined. Cf. the substantival; use of the past participle, as in *gare pachi* 'after having done'.

kātyo < *kāṭiyo*: passive.

ujelo < *ujyālo*, where *y* is apparently due to the preceding palatal: < Pkt. *ujjāla-* (*ujjvāla-*). Cf. the frequent writing of *j* as *ṣy*; and the form *syāno* 'little' beside *sāno* (with palatal *s*) < Pkt. *saṇha-* (*ślakṣṇa-*).

dēkta < *dēkhā*.

sari rāka réchan < *sari rahekā rahechan*: emphatic for *sari rahechan*, *rahechan* here being practically equivalent to an emphatic *chan*.

kē hô: note the difference between this question asking about the quality of something already known to exist and *is ka bhitrē kyā chō* below, which asks a question as to the existence of something not definitely known to exist. Cf. the sentences *pānī hô?* 'is it water (or something else)?' and *pānī cha?* 'is there water?' *kē* < *kyā*: there does not seem to be any difference in the meaning of the two forms, both of which are used.

II.

ON THE EDGE OF THE JUDEAN HILLS.

Tin din samō tēi dāra mā *basyū* aru Turki ka bhêraheru lai, jô hamra dākṭer sâp le leaka thie, tin din basnō samō sabe bhêraheru khai sakyū. Aru tyô dāra mā bastakheri aphnu sâre balio khālṭo *khanyū*, kinō bhane dēkhin rāti mā Turki le kaile hamiharu lai dhōka dierō chāpa hānlan ki bhanerō. Diūso bhari dhuia ka kopeyāra mā bērsāti tānerō basthiū; dusman ka bhêra ko sikar jijha khōjerō pōlerō *khanthiū* cāpāni biskut jām khajur bēru bēsari dasāi jaste sabe manche le āpas mā kura *garthiū*: "Turki haraio: sadhaĩ bhari isteĩ Turki ka bhêraheru paia hunde bēs hune thiũ." Isto ramailo gari khaiērō phēri khai sakya pachi sigret tamāku khaiērō tēi bērsāti bhitrē dhuia ka kopcyāra bhitrē din bhari suti ranthiū. Rât bhoierō aghi jānthiū jā hamiherule dusman lai mārna lai khalṭa bhitrē pani basthiū. Pailo larai hamro Gāza bātō tyô dāra samō ganyo. Jun jun mancheheru le rāmro kām gareka larai mā, tini mancheheru ka nām hamra kamāndiũ apsār sâp le kâgat mā chāperō sabe kampani mā yōṭa yōṭa hukum ko kâgat bāĩ die. Jô manche le pare, sabe le apha man mā isto āṭe: "Phēri larai bhaia hunde hamiharu le pani isteĩ naũ kamaune thiũ."

Translation.

For three days we remained on that same hill ; and as for the Turkish sheep which our Doctor Sahib had brought, in the three days' stay we ate up all of them. And remaining on that hill we dug each his own strong trench, because we thought that in the night the Turks deceiving us might attack. Throughout the day-time stretching our waterproof-sheets over the hollows between the stones we rested. Looking for thorns and roasting the flesh of the Turkish sheep we would eat tea-water, biscuits, jam, dates, figs ; and all the men resting as though it were Daschra we would eat most pleasantly. And all the men would say among themselves : " The Turk is defeated ; if we always got Turkish sheep like this, it would be splendid." Thus happily eating, when we had finished eating, smoking cigarettes and tobacco we would remain lying all day in the hollows between the rocks underneath our waterproof-sheets. When night came, we would go forward, where we sat also in trenches to kill the enemy. Our first battle was counted from Gaza to that hill. Our Commanding Officer Sahib, writing down on a paper the names of those men who had done good work in the fighting, distributed one order-paper to each company. The men who read it all thought thus in their minds : " If there were fighting again, we too should earn such a name."

Notes.

basyũ : the preterite expresses continuous action in the past where the verb itself implies continuous action, otherwise, with instantaneous verbal roots, the past imperfect must be used : e.g., below *khanthiũ.....khanthiũ.....kuru gorthiũ* ' we kept on eating.....' compared with *khanỹũ* ' we dug (once for all).'

III

CAPTURE OF THE PASS.

Atharə t̄arik ko biānə Asfēlyan bħanne gōra pal̄tan ka sawareru le (hamra sāmune mā yēta gaũ thiu) tes m̄athi ai lāge : tarə kēi phal milenə. Turki le bēs gari aphna masingan le gōli hāne : hamra sawareru lai agari bərnə dianan.

Bhōli pal̄to unis t̄arik ko biānə dwi baje mā birgeṭ b̄atə hukum āyo : " Sikin t̄ard gōrkha pal̄tan le tyō gaũ linu p̄ersə ", bhani. Kərnal s̄ap le kampaniheru lai b̄āre : " E kampani rə s̄i kampani agari ko lain hunan ; bi kampni rə di kampani tini ko sap̄et hunan." Iso gari agari b̄aryũ.

Tarə Turki le unis t̄arik ko biānə hami b̄arda bħanne pani aghi biānə cār baje tyō gaũ mā ṭhūlo āgo b̄aleka thie. Turkiheru ko isara tēi āgo rēchə pachari bhāgna lai. Jab hamro ē kampani tyō gaũ mā pugyo, kēi gōla gōli kēi pani calenə.

Teā b̄ati ali aghi ḡierə gaũ ka chēu mā thāmerə ali chin teā basyũ. Tyō gaũ ka daine baiē Turki le aphna gaũ bas̄cheru ka k̄ūkhra sabē lūterə khaierə gaie chan. Butle butla matri tyō b̄atə bhari dhuia ka kop̄era p̄uro pani butla m̄atri dēkhinthe.

Tyō gaũ b̄atə ali aghi kōi dwi mail samə b̄atə b̄atə gōiũ. Tyō b̄atə kasto thiu ? daine pati ṭhūlo p̄ar dēbrə pati pani ṭhūlo p̄ar thiu. M̄āj mā n̄alo thiu. B̄atə hinnu p̄erne lai s̄are apt ro s̄āmuro b̄atə thiu. Tyō b̄atə pani Turki le ṭhaũ ṭhaũ mā bhatkaierə chorərə gaieka thie. Hamiheru ko bh̄arbordari t̄opkhānāheru ka ḡari n̄ə aunə sakun bhani b̄atə lai suruə h̄alerə bhatkaũ r̄ākhēka thie.

Susto Susto hameru agari b̄orde thiũ. Daine pati b̄ati aṭhaun namb̄er gareko dēsi pal̄tan ai pugyo. Hameru ali chin thāmi basyũ : tyō dēsi pal̄tan aghi b̄aryo.

Phêri hamra paltan lai aghi *barnə bhani* hukum bhoio. kernal sâp le araie : “ Ê kampani tōpkhâna ko racha gərnə basla ; aru tin kampani dēbre paṭi ka dāṛa māthi carerə agari bərnən :” bhani araie. Hamiheru le testo agya paunda mā kampani kamāṇḍər sâperu le aphna aphna bandabastə le hēcā gərne tōli lai agari paṭhaie. Aru bāki mancheru yōṭa yōṭa gari tyō dāṛa ka ṭupa mā pugya pachi daine paṭi agari boryū. Susto susto jānde jānde hamiheru lai kēi thā thienə dusman kã nirə baseko chə bhani.

Tyō dāṛo kăterə paltirə orālo lāyo. Phêri ərko dāṛo bhētyo ; phêri ukālo lāyo. Yōṭa yōṭa manche gari tyō dāṛa māthi niklaūla bhani jānde thiū. Tyō dāṛa māthi alikati manche nikli sakta mā Turki le tōp ka gōla pani masingan ka gōli pani bēsari bākle asina jasto hamra māthi bərsaie. Hameru le pani aphna luisan le dhuia ka ār bātə jāi samə hunə sakchə bākle gōli phərkaiū. Aile pani andhero hunə lāgyo. Turki le pani phair gərde thie. Hamro dī kampani aghi bəryo : bi kampani tes ka sapot mā basyo. Tēi bēla mā dī kampani kamāṇḍər Girēsmit sâp lai tōp ko gōla lāgyo rə tēi dāṛa mā swərgə bās bhoio.

Pāni pani pərnə lāgyo. Hamiheru ka sâi mā ərne bhani pani bichauṇə bhani pani yōṭe yōṭe bərsūti thiū. kamal pani thienə ; brandi pani thienə ; khāli khāki luga mātiri thiū. Pāni pani musaldharə āyo. Testa duk mā pani mancheheru le kēi citaunnə thie.

Tyō rāt mā dī kampani tēi dāṛa mā basyo. Bi kampani lai hukum āyo : “ Timiheru aphna heṭkōṭər mā jan,” bhani. Bi kampani bāṭa mā goio. Dwi tin ghaṇṭa teā basna samə rasan pāni aieko thienə.

Tyō rāt bhari pāni perthiū. Hami lai pani tirkha tēste lāgyo : hami le tirkha bujhauna lai pāni le bhigo bhaieka luga mukhə mā cūsthiū.

Teā dēkhin hamiheru bāṭa mā pugda baserə sutyū. Tyō rāt mā tyō bātə kasto hō bhane. Hamra pūra dībijan ko bhārbordari rə tōpkhâna dwiṭa dāṛa ka māṇj mā bhaieka bāṭa mā pugeka thie. Ghəra khacoreru sabe milaierə āpastə mā lāta le hirkaunthe. Samear lyaune mancheru le aplno aphno heṭkōṭər khōzda khōzda ita uta jānthe. Kaidiheru ghaileheru pachari tirə linthe. Goār gərnə aieko tərḍ tərḍ Gōrkha paltan dhuio huna le agari pani bərnə sakenə, pachari pani phərkəṛə jāna sakenə. Bāṭa ka dwiṭa paṭi tirə hamra dī kampani rə aṭhaun nambər gareko dēsi paltan rə ēk gəra paltan baseka dāṛa mā masingan ka gōli ṭaktak gari dhuia mā hirkaunda jhika niskaunthe.

Tes bēla mā hamra kōtmāstər sâp rasan pāni lierə aie : aru kōi paltan lai rasan pāni milenə. Testa rāmra kōtmāstər sâp thie.

Dāṛa māthi ujelo bhaikanə birgeṭ bātə hukum āyo : “ Phêri dāṛa mā carerə Turki lai dhapaierə agari bərnə pərsə.”

Tyō din bhari hamiheru le dāṛe dāṛo carerə orāla ukāla mā goierə Turki lai aplna ṭhaū ṭhaū bāṭi dhapaierə agari boryū. *Madheni* din mā kuro lāgyo : pāni pani pərnə lāyo. Kuro lagna le kēi pani dēkhinnə thiū. Phêri andhero lāgda mā (hamra sāmune mā yōṭa gairo kholo thiū : pallo paṭi ṭhūlo dāṛo thiū ; tyō dāṛa mā Turki le *balio* ṭhaū banaieko yōṭa gaū thiū) tyō khōlo pāri goierə ukāla mā carerə *phik-sṭ* garerə hami le tyō gaū Turki ka hātə bātə liyū.

Tyō rāt bhari pāni perthiū. Tarə hamiheru pikat lagaierə bāki mancheheru sabe yōṭa ṭhūla makān mā paserə baserə āgo bālerə cā pakaiəṛə khaiəṛə syāṭhe khusi bhoiū. Mancheru le kura gərde : “ mərne manche mare chan ; ghaile manche ghaile bhaie chan ; hameru lai ta yō bhāgyə milya chə ; hamra paltan le pani ṭhūlo nāu kamaia chə ” : bhani kura garerə tyō rāt bhari khusi bhaikanə sute.

Phêri ujelo bhoierə hamra thûla jərnəl sâp le sawəri bhoierə hameru lai bhannu bhoio: " Hê Gôrkhâli bîrə hô ! timra bāduri le Jirusalam naũ gareka sər mǎ hinne bāto khôlyo ; timro naũ thûlo bhai gyu. Têi Jirusalam sər lina lai âzə pani timi phêri agari bərnə pərsə : " bhanerə bhannu bhoio.

Tes bêla mǎ Turki ka gôla hamra mâthi hannə lâge ; baute nuksân bhoio. Phêri phâlin ko hukum milerə hamihuru agari bəryū.

Translation.

On the morning of the 18th the troopers of a white regiment called Australians (in front of us there was a village) attacked this village. But there was no success. The Turks shot machine-gun bullets out finely ; they did not let our cavalry advance.

The next day on the morning of the 19th at two o'clock an order came from the Brigade, saying : " The Second-Third Gurkhas must take that village." The Colonel Sahib apportioned the companies : " A company and C company will be firing line ; B company and D company will be their support." So doing we advanced.

But the Turks on the morning of the 19th even before we advanced at 4 o'clock in the morning had lit a great fire in that village. That same fire is a signal of the Turks to retire. When our A company reached the village, neither shell nor bullet nor anything at all was fired.

From there going forward a little and halting on the edge of the village we remained there for a little while. Right and left of the village the Turks, having stolen the fowls of their own villagers, had eaten them and gone away. Feathers only over the whole road, in the hollow between the stones also only feathers were to be seen.

From that village we went forward a little for about two miles along the road. What was that road like ? On the right hand there was a great mountain, and on the left hand a great mountain. In the middle was the valley. For one who had to go along it the road was exceedingly difficult and narrow. That road too in several places the Turks had left blown up. Saying that our baggage and gun-carriages should not be able to come, putting in mines, they had blown it right up.

Very slowly we continued to advance. From the right an Indian regiment, numbered 58 (58th Vaughan's Rifles), had come up. We remained halted for a while : the Indian regiment advanced.

Again to our regiment came the order to advance. The Colonel Sahib commanded, saying : " A company will remain to protect the guns : the other three companies climbing the hill on the left will advance." So saying he commanded. On our receiving such order, the company commander Sahibs, each by his own arrangement, sent forward parties to scout. We remaining men, reaching the top of that hill one at a time, advanced by the right. Going slowly on, we had no information, as to near where the enemy was.

Having crossed that hill, on the further side there was a descent. Again another hill was met ; again there was an ascent. One by one, saying : " We will come out on the top of that hill," we went on. As soon as a few men had come out on the top of the hill, the Turks rained down on us very thickly both shells and machine-gun bullets just like hail. We, too, with our Lewis guns from the shelter of the rocks, wherever possible, returned the bullets thickly. Now also darkness began to fall. The Turks too continued to fire. Our D company advanced : B company remained in its support. At that time a cannon shell struck D company commander, Grey-Smith Sahib (Captain M. Grey-Smith, I.A.R.O), and on that hill he entered the heavenly dwelling.

Rain also began to fall. With us, both for covering and for lying on, there was only one waterproof-sheet each. There was no blanket; there was no great-coat; there were only our cotton clothes. The rain also came in torrents. The men were in such distress that they could not feel anything.

That night D company remained on the hill. To B company came the order, saying: "Come to your headquarters." B company went down to the road. Till they had been there two or three hours, rations and water did not come.

All that night the rain fell. Also we had such thirst that in order to quench our thirst we sucked in our mouths the clothes that were wet with rain.

After that, stopping when we reached the road, we lay down. On that night what was the road like? The baggage and artillery of our whole division had reached the road between the two hills. Horses and mules, all mingled, were kicking each other. Men bringing news, searching for their own headquarters, were going this way and that. Prisoners and wounded were making for the rear. The 3/3rd Gurkhas, come to bring help, on account of the crowd could not advance, nor turning round could they go back. On both sides of the road on the hills, where were our D company and the 58th Indian regiment and a white regiment, machine-gun bullets striking the rocks were shooting out sparks.

At this time our Quartermaster Sahib came bringing rations and water. No other regiment got its rations and water. So good was our Quartermaster Sahib.

When it dawned on the hill, from the Brigade came an order, saying: "Again climbing the hill and driving off the Turks it is necessary to advance."

All that day climbing hill after hill, going up hill and down hill driving the Turks from position after position, we advanced. At midday a fog came on; rain too began to fall. On account of the fog nothing was to be seen. Again as darkness was descending, (in front of us was a deep valley; across the valley a great hill; on the hill a village made by the Turks into a strong place) crossing the valley, climbing up the hill, having fixed bayonets we took that village from the hands of the Turks.

All that night the rain fell. But when we had set picquets, the rest of us men all entering one great building, sitting down, lighting fires, boiling and drinking tea, were exceedingly happy. The men said: "Those who were to die have died, the wounded have been wounded; but to us this great fortune has fallen. Our regiment also has earned a great name." So talking, remaining happy all that night, they went to sleep.

Again at dawn our great General Sahib coming said to us: "O Gurkha heroes, by your bravery the road leading to the city called Jerusalem has been opened. Your name has become great. To take that city of Jerusalem, to-day also it is necessary to advance." So saying he spoke.

At that time the Turkish shells began to fall upon us; there was great loss. Again receiving the order to fall in, we went forward.

Notes.

bhānnā < *bhandā*.

gōierā < *gaera*: probably on the analogy of *gōio* < *gayo*, where the umlaut of *a* to *o* is regular. It should be remembered also that *gaera* is < *gayo* or *gae ra*, lit. = 'he or they went and.....'

kūkhra: Skt. *kukkuṭa*- cf. H. *kukar* *kukrā*. The aspiration is unexplained. It occurs in other words: e.g., *bākhro* 'goat, sheep', cf. H. *bakrā*. On the other hand *kūkur* 'dog' (*kurkura*.) H. *kūkar*. The Rev. N. C. Duncan informs me that in East Nepal *bādhār* 'monkey' is used for *bādar* (cf. H. *bādar*, *bandar*).

dēkhinthe : the passive seems to be dying out. More and more it loses its distinctively passive sense to become a simple intransitive verb : e.g., *dēkhinu* 'appear', *arinu* 'halt', *salkinu* 'burn intr.', *ubhinu* 'stand up'. On this a new causative formation has been built, ending in *-yāunu* : e.g., *aryāunu* 'cause to halt', *salkyaunu* 'burn tr.', *ubhyaunu* 'set upright'.

Sakun : an example of the beginnings of Oratio obliqua. *Hamīheru* refers to the narrator, not to the subject of *bhāni*. These beginnings of the oblique construction are fairly common in Nêpālī : e.g., (1) *Dhandatta le "Ghar jāu : 'mā saṇa (i.e., Dhandatta saṇa) gai bēpār gari āē" bhānnu "bhanyo.* (Birsikkā, p. 67, l. 5). (2) *dokān mā bārtā garthyaū rē bhāni sunē* 'I heard that you were doing.....' instead of the direct *N. garcha bhāni.....* Probably too the very frequent use of the oblique infinitive in *-na* with *bhāni* to express purpose clauses is oblique in origin : e.g., *mā lai mārna bhāni juktī gareko hō* 'he must have made a plan to kill me.' This has replaced the direct *tes lai mārchu bhāni.....*

bārnā bhāni < *barhna bhāni*. This oblique infinitive used with *bhāni* in clauses of purpose, order, promise, etc., is directly governed by the verb *bhāni*. *Barhnu*, infinitive used as imperative, becomes *barhna* as object to *bhāni*. Although in nouns the old nominative and accusative cases have fallen together in the more general direct case embracing both nominative and accusative, in the infinitive the oblique case is that used for the direct object (see my note on the infinitive in the first series of 'specimens'). Similarly too the direct case as accusative has in nouns been replaced by the oblique case followed by *lai* (cf. H. oblique with *kō*); the direct case is retained generally only for inanimate objects. E.g., *mā lai jānu parcha*, lit. 'the going is necessary for me (subject), but *mā jāna lāgē*, lit. 'I began the going' (object). These are parallel with the equivalent noun constructions : (a) animate : *chōro āyo* 'the boy came' (subject), but *chōrā lai hānē* 'I struck the boy (object)'; (b) inanimate : *rukḥ dhalyo* 'the tree fell' (subject), and *rukḥ dhālā* 'fell the tree' (object).

Madheni : semitatsama < *madhyahna-* with adjectival suffix *-i*.

lāyo : either < *lāgyo* or past participle of *lāunu* (Skt. *lāgayati*). *Lāgnu* < Skt. *lagyati*. The same confusion is found in Hindi and Panjābī.

balio 'strong', a formation from **bali* (Skt. *balin-*).

phiksāt = Fix swords !

pasera < *pasera* : *pasnu* < **paisnu* (*pravisati*, cf. H. *paśuā* G. *pésvū*) by analogy with *basnu* (*vasati*).

jārnal = General : probably for *janral* through influence of *karnal* = Colonel.

sawāri bhōio : honorific for *āyo*.

IV.

AN ARMISTICE SONG.

Pandarō maina Phrāse mā loryū dhēr hīlo khaiarō :

Unis sau sōlē mā gerizan dīutī Misar mā aiarō.

Ai reḍi gō hōm agēn ; ai reḍi gō hōm agēn,

Tū sī mai phādər, tū sī mai mādər, tū sī mai phemili agēn.

Hindustan bāte cīthi ai pugchə kăgat ka liphā mā :

Sikin tərḍ Gōrkha phēr lərnū pəryo Misar ka muluk mā.

Khai mā basta larāi loryū ; banduk le tākātāk.

Dwī sau batīs le atake gəryo ; Turki ko bhāga bhāg.

Sawar rə paidal pākha mā khēdchan, manowar pāni mā.

Poilo din lari bis din mā pugyū Turki raddhāni mā.

Turki le hēryo : Aūgrez le ghēryo yo pāla rane mā.

Abə tə pugne āsa chə mā lai ghare ka jāne mā.

Gōrkhālī juwān agari bare chāti ko dhāl gari :

Turki ka phauz lai hāt uṭhaun pāryū rane mā byāl gari.

Ai reḍi gō hōm agēn ; ai reḍi gō hōm agēn,

Tū sī mai phādər, tū sī mai mādər, tū sī mai phemili agēn.

Translation.

For fifteen months we fought in France, eating much mud ; in 1916 there was garrison duty, having come to Egypt.

From India a letter comes in an envelope of paper : the 2/3rd Gurkhas must again fight in the land of Egypt.

Sitting in the trenches we fought, taking aim with the rifle. The 232 (Brigade) attacked; the Turks ran away.

Horse and foot move along the shore, men-of-war on the sea. On the first day fighting, in twenty days we reached the Turkish capital.

The Turk saw : the British surrounded them at this moment in the battle. Now is there hope for me of arriving among the people of my home.

The Gurkha soldiers advanced, having courage in their breasts ; the Turkish army we made to lift up their hands, distressing them in battle.

Notes.

As opposed to the artificial metres in Nepālī (e.g., the translation of the Mahābhārat) which are made to depend on a system of quantity no longer existing, this popular metre depends on stress accent. The normal scansion here (supposing — to represent a stressed syllable and — an unstressed) is :—

— — — | — — || — — — | — — || — — — | — — — .

This shows very plainly the initial stress of Nepālī words. The English chorus evidently could not be quite fitted into the metre by its composers !

lipha : loanword from H. *lifāfa* with haplology.

raddhāni < *rājdhāni* : here Aleppo, not Constantinople. Cf. below *khoddakheri* ≡ *khôj-dākheri*.

uṭhaun < *uṭhāuna*.

byāl < *behāl*.

(To be continued.)

THE DATE OF THE MUDRĀ-RAKSHASA.

BY V. J. ANTANI, M.A.

Mr. K. P. Jayaswal has, *ante*, Vol. XLII, pp. 265-267, proposed the time of Chandragupta II for the date of the *Mudrā-Rākshasa*. His grounds for thus fixing the date in the fifth century A.D. was his discovery in the *bharata-vākya* of that drama. This for the present purpose I quote in full :—

वाराहीमात्मयोनेस्तनुमवनाविधावस्थितस्यानुरूपं
यस्य प्राग्दन्तकाटिं प्रलयपरिगता शिश्रिये भूतधात्री ।
म्लेच्छैरुद्विज्यमाना भुजयुगमधुना संश्रिता राजसूतेः
स श्रीमद्वन्धुभृत्याश्चिरमवतु महीं पार्थिवश्चन्द्रगुप्तः ॥

The expressions in the above quotation on which Mr. Jayaswal bases his proposition, and lays his greatest stress, are *adhunā* and *Chandragupta*. They suggest to him that the *Mudrā-Rākshasa* must have been written in the fifth century A.D. He says : “ The *bharata-vākya* to the play names the reigning monarch ‘ at present (*adhunā*) . . . may long reign king Chandragupta. ”

He then essays to find out which Chandragupta is meant, and comes to the conclusion that he could have been no other than Chandragupta II. He is aware that there are difficulties in assuming the term *Mlêchchha* to mean *Hūna*, and as to the meaning of the term *udvijya-mānā*. The first he endeavours to overcome by ascertaining that the *Hūnas*, though they possessed no territory in India at the time, were well-known to the Indians ; that they had had no prominent position in the minds of the Indians previously, as proved by the fact that

they are mentioned only once in the drama, *i.e.* in Act V, v. 11 ; and that as associates of the Chinese they are named *Chīṇahūṇaiḥ*. Here we must however, bear in mind that another reading *Chedihūṇaiḥ* is available. Further, he remarks, as worthy of note, that they do not figure at all in the army mentioned in Act II.

In order to make out that the Hūṇas are meant by the term *Mlêchchha* and that they were contemporaneous with Chandragupta II, he is forced to interpret *udvijyamānā* in a future sense, because of the fact of the Hūṇas having no territory in India at the time, or to suggest that these particular *Mlêchchhas* represented the Śaka power in Western India which Chandragupta had suppressed ; or in the alternative to suggest that the drama might refer to the annoyance caused by the Kushanas, "or possibly to the new element of the Hūṇas, also might have already made some incursions, possibly in league with Kushanas, during the last years of Chandragupta II's reign."

It will be seen that the above interpretation of the term *Mlêchchha*, which is indeed wide enough to comprise all foreigners, whether Śakas, Yavanas or Hūṇas, is necessary only if the Chandragupta of the *bharata-vākya* of the *Mudrā-Rākshasa* is to be identified with Chandragupta II. But in that king's time, as already pointed out, the Hūṇas had no territory in India, much less could they have been in a position to harass the land, as is said in the *śloka* above quoted. It is true that the term *Mlêchchha* could have referred to the Hūṇas, because their conduct shows that they were greater harassers than the Kushanas or Śakas. This is amply proved by general history and the inscriptions ; *e.g.*, in the Jūnāgaḍh Inscription of Skandagupta we have direct evidence in the line *रिपवोऽपि आमुलभ्रमवर्पा निर्वचनान्तेच्छेदेषु* that by *Mlêchchha* the Hūṇas are meant. The incidents of the latter days of his father and his own Inscription at Bhitāri leave no doubt whatever that the Hūṇas did vex both father and son, till the latter put them down after much labour. They were, however, only scotched, and after a while occupied territory in India which they greatly afflicted till the people threw themselves into the arms of Yaśodharman (*Corpus Inscriptionum Indicarum*, Vol. III, pp. 146-7). This would infer that the *Mlêchchhas* were Hūṇas whose history was known to the poet, and that he was playing on two senses of the name *Mlêchchha*, *viz.* the Yavanas as they were known in the days of Chandragupta Maurya and defeated by him, and the Hūṇas who were suppressed either by Narasiṃha-Bālāditya or Yaśodharman. But it cannot be said with any certainty that the poet meant to allude to these things or not, and in any case it seems to be going too far to see so much history in the simple word *adhunā*, and in consequence to identify the Chandragupta of the *Mudrā-Rākshasa* with Chandragupta II.

The plain fact is that the king has been made by the poet to narrate all that had already come to pass in the *śloka* just before the *bharata-vākya*, which runs as follows :—

राक्षसेन समं मैत्री राज्ये चारोपिता वयम्
नन्दाश्चोन्मूलिताः सर्वे किं कर्तव्यमतः प्रियम् ।

And in contrast to the past tense his minister says, "now" let the king rule, etc. So the force of "now" is only with reference to the events of the past. There does not seem to be anything in it but that, and so the poet's Chandragupta must remain Chandragupta Maurya, according to the conventional method of interpretation.

Further, I may add that the very word *adhunā* has also been used in the *śloka* preceding the *bharata-vākya* in his *Mṛichchhakatika*, the play on which the poet arranged and developed the plot of the *Mudrā-Rākshasa*. Besides all *bharata-vākyas* refer to the present time, whether the word *adhunā* is actually used or not. It is evident, too, from Act IV, v. 3, that the poet had to labour a good deal at his task, and he is at pains to observe the strict rules of dramaturgy. Consequently we may assume that he set the *Mṛichchhakatika* as a model before him in arranging his plot.

Again, one cannot but notice the striking similarity both in idea and wording of some of the verses of the *Mudrā-Rākshasa* to those of the Mandasor Pillar Inscription of Yaśodharman, already referred to. *E.g.*, between the *bharata-vākya* quoted above and the last two lines of the second stanza of the Inscription :—

आविर्भूतावलेपैरविनयपटुभिर्हङ्किताचारमार्ग-
मोहाद्वैद्युगीनैरपशुभरतिभिः पीड्यमाना नरेन्द्रैः ।
यस्य क्षमा शार्ङ्गपाणैरिव कठिनधनुर्ज्याकिणांकप्रकोष्ठं
बाहुं लोकोपकारव्रतसफलपरिस्पन्दधीरं प्रपन्ना ॥

Again, the following stanza in Act III has a marked similarity to the fifth verse of the Inscription, thus :—

Mudrā-Rākshasa.

आशैलन्द्राच्छलान्तः स्खलितसुरनरीश्रीकरासारशीता-
त्तीरान्तानैकरागस्फुरितमणिरुचा वक्षिणस्याणवस्य ।
आगत्यागत्य भीतिप्रणतनृपशतेः शम्भदेव क्रियन्तां
चूडारत्नांशुगर्भास्तव चरणयुगस्याङ्गुलीरन्ध्रभागाः ॥

Mandasor Pillar.

आलौहित्योपकण्ठात्तलवनमहनोपत्यक्राशमहेन्द्रा-
दागंगाश्रिष्टसानोस्तुहिनशिखरिणः पश्चिमाशपयोधेः ।
सामन्तैर्यस्य बाहुद्रविणहतमदैः पादयोरानमङ्गि-
भूडारत्नांशुराजिव्यतिकरचबला भूमिभागः क्रियन्ते ॥

Mandasor Pillar.

(last two lines of the next verse.)

नीचैस्तेनापि यस्य प्रणतिभुजबलावर्जनह्निष्टमूर्ध्ना
चूडापुष्पोपहारैर्निहिरकुलनृपेणाचितं पादयुग्मम् ॥

Lastly, the *Mudrā-Rākshasa* is referred to in the *Daśa-rūpaka*, which was written in the 10th century A.D., and it must therefore have been written at least a century previously, or, as K. T. Telang has it, its date cannot be later than the 8th century. The Hūṇas are mentioned in Act V, though not in Act II for the simple reason that both parties are opposed to each other, and we find that none of the tribes mentioned in Act II are repeated in Act V except the Śakas and Yavanas : so we can assert positively that the *Mudrā-Rākshasa* must have been written at least after the time of Skandagupta. And in addition to all there is the striking similarity in the ideas of the above-quoted stanzas in the play and inscription. I am therefore compelled to think that the play must have been written, at the earliest, after the time of Yaśodharman, for whom we have the date 589 Mālava Era, or 645 A.D.: in other words the seventh century. This brings us to the end of Harsha's reign, in whose time Buddhism had a great hold over the people, a fact which has been referred to by the poet in his drama.

HEMACANDRA AND PAIÇĀCĪPRĀKṚTA.

By P. V. RAMANUJASWAMI, M. A.

I have read with interest the short note written by Sir George Grierson about "Paiśācī in the *Kalpataru*" in answer to the paper on Paiçācī dialects written by my brother, Mr. Ranganathasvamin of blessed memory and published *ante*, Vol. XLIX, p. 114. The history of the Prākṛit dialects affords a striking parallel to the development of the Romance languages in Europe, but we must admit the sad truth that their philology has not been thoroughly investigated by any scholar in India or elsewhere. One chief cause of this

drawback is the want of proper material for such an investigation. Only a small portion of Prākṛit literature has been as yet made accessible to the public. This consists mostly of grammars such as Vararuci's *Prākṛita-prakāśa*, the Prākṛit portion of Hemacandra's *Grammar* and a few other *kāvya*s. There are a number of other Prākṛit works which when published will prove to be of much use for the philological study of the dialects. It is, I think, time to direct our attention to them and I am glad to note that they are receiving the attention of such a distinguished linguist as Sir G. Grierson, and we may confidently look forward for some of the Prākṛit works edited by him in a critical manner.

I shall, however, draw attention to a particular remark of his in the short note referred to above. In conceding what my brother said about Paiçāci as treated in the *Kalpataṛu*, he repeats his remark, first made in the *Bhandarkar Commemoration Volume*, p. 120, that Hemacandra in his grammar treats of three varieties of Paiçācika, one Paiçācika and two varieties of Cūlikā-paiçācika. But we shall see from the following quotations from Hemacandra and his followers, that the former knows of only two varieties of Paiçāci, as was pointed out by my brother. Hemacandra has four *sūtras* about Cūlikā-paiçāci and they are given below with his own gloss thereon—

चूलिकापैशाचिके तृतीय-तुर्थयोराद्य-द्वितीयौ ॥ ३२५ ॥

चूलिकापैशाचिके वर्गाणां तृतीयतुर्थयोः स्थाने यथासंख्यमाद्यद्वितीयौ भवतः ॥
नगरम् । नकरं ॥ मार्गणः । मक्कनो ॥ गिरि-तटम् । किरि-तटं ॥ कचिल्ला-
क्षाणकस्यापि । पडिमा इत्यस्य स्थाने पडिमा । सादा इत्यस्य स्थाने तादा ॥

रस्य लो वा ॥ ३२६ ॥

चूलिकौपशाचिके रस्य स्थाने लो वा भवति ।
पनमथ पनय-पकुप्पित-गोली-चलनग्ग-लग्ग-पत्ति-विबं ।
तससु नख-तप्पनेसु एकातस-तनु-थलं लुदे ॥

नादि-युज्योरन्येषाम् ॥ ३२७ ॥

चूलिकापैशाचिकेपि अन्येषामाचार्याणां मतेन तृतीयतुर्थयोराद्यौ वर्तमानश्रेयुजि धातां
च आद्यद्वितीया न भवतः ॥ गतिः । गती ॥ घर्म । घर्मा ॥ नियोजितम् ।
नियोजितं ॥

शेषं प्राग्वत् ॥ ३२८ ॥

चूलिकापैशाचिके तृतीयतुर्थयोरित्यादि यदुक्तं ततोऽन्यच्छेषं प्राक्तनपैशाचिकवद्भवति ॥
नकरं । मक्कना । अनयोर्नो णत्वं न भवति ॥ णस्य च नत्वं स्यात् । एवमन्येष्वपि ॥

It will be evident from the above that there is no reason to suppose that Hemacandra is treating of two varieties of Cūlikā-paiçāci. He, however, calls it Cūlikā-paiçācika while other Prākṛit grammarians call it Cūlikā-paiçāci simply. Sir George, probably, was led away by this difference in the name. Cūlikā-paiçācika being neuter, its *nom. du.* as well as its *loc. sg.* will be Cūlikā-paiçācike. But in the gloss of Hemacandra, it is to be taken as the *loc. sg.* and not as *nom. du.* Even if the word is taken as a feminine in *ā* (which it is not as can be seen from the author's own gloss on *sūtra* 328 quoted above), the form Cūlikā-paiçācike will be *nom. du.* and not *loc. sg.*, which latter alone will make any sense in the gloss. Trivikrama and Ćrutasāgara, two Jain Prākṛit grammarians who closely follow Hemacandra, avoid the ambiguity (if at all it can be called ambiguity) by adding the word *bhāṣāyām* in their gloss after Cūlikā-paiçācyām, thus leaving no room for any doubt as to the number of the dialects. As Trivikrama and Ćrutasāgara follow Hemacandra very closely, the opinion of the latter may be known clearly from their works. I, therefore, quote below the portions of the grammars of Trivikrama and Ćrutasāgara dealing with Cūlikā-paiçāci.

Trivikrama has

रो लस्तु चूलिकापैशाच्यम् ॥ ३ । २ । ६४ ॥

बालिकापैशाच्यां भाषायां रेफस्य लकारी भवति तु ।
पनमथ पनय-पकुपित-कोली-चलनक्-रिक्-पतिपिपं ।
तससु नखतप्पनेसु एकातस-तनु-थलं लुत्तं ॥
नलो । नरो ॥ सलो । सरो ॥

गजडदबघझडधमां कचटतपखछठथफाल् ॥ ३ । २ । ६५ ॥

चूलिकापैशाच्यां गजडदबघझडधम इत्येतेषां यथासंख्यं कचटतपखछठथफ
इत्येते लिन्तो भवन्ति ॥ नगरम् । नकरं । मार्गणः । मक्कनो ॥ मेघः । मेखो ॥
घनः । खनो ॥ कचिद्धाक्षणिकस्यापि । प्रतिमा । पडिमा । पडिमा ॥
दंष्ट्रा । दाढा । ताडा ॥

अन्येषामादि युजि न ॥ ३ । २ । ६६ ॥

चूलिकापैशाच्यां अन्येषामाचार्याणां मतेन गजडदबघझडधमामासौ स्थितानां
युजिधातो च कचटतपखछठथफा न भवन्ति । गति । यम्मो ।
नियोजितं । अन्येषामिति किम् । कति । नियोजितं ॥

शेषं प्राग्वत् ॥ ३ । २ । ६७ ॥

चूलिकापैशाच्यां रोलस्त्वित्यादि यदुक्तं ततोऽन्यत्प्राग्वत्प्राक्तनपैशाचीवङ्गवति ॥
नो णनोः । नयनं । फनी । एवमन्यदपि ॥

Çrutasâgara, in his *Audâryacintâmaṇi*, has

वर्गाणां तृतीयचतुर्थयोः प्रथमद्वितीयौ चूलिकापैशाचिके ॥

चूलिकापैशाचिके भाषाविशेषे वर्गाणां तृतीयचतुर्थयोः परेनुक्रमेण प्रथमद्वितीयौ
स्याताम् ॥ सगरः । सकरो ॥ सागरः । साकरो ॥ ... लाक्षणिकस्यापि
कचित् । पडिमा । पडिमा ॥ दाढा । ताडा । डः प्रत्यादिषु इत्यनेन तस्य डः । संस्कृते-
पि तु दाढा । दंष्ट्राया ददादेशः ॥

वा लो रकारस्य ॥

चूलिकापैशाचिके रकारस्य स्थानि लकारो भवति । The two stanzas given in Hemacandra's grammar are reproduced here with their translation into Sanskrit—

आदि युजो नेति केचित् ॥

केचिदाचार्या एवं वदन्ति । चूलिकापैशाचिकेपि वर्गाणां तृतीयचतुर्थश्च यदा
आदौ न भवति तदा प्रथमद्वितीयौ न भवतः । युजिधातोश्च तृतीयानेति
वर्तमानः प्रथमो न स्यात् । यथा गंधः । गंधो । गतिः । गती ।
नियोजितम् । नियोजितं । उभयमतमपि प्रमाणमस्माकं । तेनोभयमपि सिद्धम् ॥

पूर्ववादिह शेषम् ॥

इह भस्मिन् चूलिकापैशाचिके तृतीयचतुर्थयोरित्याद्युक्तं ततोऽन्यच्छेषमुच्यते ।
तत्पूर्ववत् प्राक्तनपैशाचिकवङ्गवति । नगरं । नकरं । मार्गणः । मक्कनो । एतयोर्नस्य
णो न स्यात् । णस्य तु नत्वं स्यादेव । एवमितरदपि ज्ञातव्यमिति भद्रम् ॥

Here Çrutasâgara, though he calls the dialect Cûlikâ-paiçâcika, adds the words *bhâṣâviṣeṣe* which clearly shows that he is dealing with only one dialect. How closely the two latter grammarians follow Hemacandra may be seen from the quotations from their works given above. It is, therefore, but reasonable to suppose that Hemacandra also knows only two Paiçâcikas.

There is another grammar of the Prâkṛit dialects by Lakṣmîdhara called *Ṣaḍbhâṣâcandrika* (published in the Bombay Sanskrit and Prâkṛit Series No. 71). It is to Trivikrama's work what the *Siddhânta-kaumudî* of Bhattojidikṣita is to Pânini's Grammar. He too treats of only one dialect under the name of Cûlikâ-paiçâci; for he says in the introductory verses to his grammar.

षड्विधा सा प्राकृती च शौरसेनी च मागधी ।
पैशाची तुलिकापैशाच्यपञ्च इति क्रमात् ॥

and further on he says, in connection with the localities in which these languages are spoken

पिशाचदेशनियतं पैशाचीद्वितयं भवेत् ॥

In fact the name *Ṣaḍbhāṣācandrikā* itself loses its significance if it treats of three *Paiṣācikas* in which case it will have to treat of seven dialects. And in the chapter devoted to this particular *Paiṣācikā* (pp. 262, 263) he invariably says in the gloss *तुलिकापैशाच्यां*.

It thus appears that none of the grammarians who follow Hemacandra treat of more than two *Paiṣācikās*. And all these treat of six dialects. Hemacandra too treats of the same six dialects and so we are not justified in saying that he has three *Paiṣācikās*, thus making his dialects seven.

VACHANAS ATTRIBUTED TO BASAVA.

TRANSLATED BY RAO SAHIB P. G. HALKATTI, M. L. C.

(Continued from p. 40.)

Stage III : Prasāda : Grace.

A. Work without Desiring Anything in Return.

1. I labour in my fields for the sake of my master. I trade for the sake of God. I accept service with others for the sake of the servants. For, I know that whatever Karma I form, Thou dost subject me to the enjoyment of the fruit of that Karma. Hence I spend for none besides Thee the wealth Thou hast given me. I give back Thy wealth to Thee. This is my oath, O Kudalasaṅgama Deva.

2. Mere strings of words such as 'God is the soul of all created beings' will never do instead of the work which is your duty. You ought to use up your body, mind and soul for Guru, Liṅga and Jaṅgama. You ought to work for the servants of Kudalasaṅgama Deva.

3. If it flashes into your mind that you did do your work, you will be rebuked and troubled. This is the word of God. Do not say that you worked for God. Do not say that you worked for his servants. If there be no sense in your mind that you worked for God, Kudalasaṅgama Deva will offer you whatever you ask.

4. I perform at their proper times those several ritts, namely the eight kinds of worship and the sixteen kinds of services, and so I become pure. But therein I have no ulterior desire or object. Hence there is no production of fruit, and so I work and become pure, O Kudalasaṅgama Deva.

5. It is said :—"They will walk in a terrible hell for time imperishable, if they eat, sleep, rise, touch and dine with the worldly." Basava reads these words. But my brothers say that Basava sits below the throne of the worldly Bijjala and serves him. I shall answer them, and am able to answer them. Even though I enter the house of the Mahārs of Mahārs and work for them as a day-labourer. I am always burning to attain thy position. But if I, on the other hand, burn for the pleasure of my stomach, O Kudalasaṅgama Deva, let my head be a fine for it, let my head be a fine for it !

6. Is there anybody in this world who says to another. Eat for my body, and enjoy my wife for me" ? Hence you yourself ought to work with an eager mind. You yourself ought to work, labouring with your body. If you do not work with your body, how will Kudalasaṅgama Deva be pleased with you ?

B. *Submit Yourself to God.*

1. Whether it be a learned man or a dull man, he will not be free unless he eats the fruit of his previous Karma ; he will not be free unless he eats the fruit of his present Karma. Mark, so Śruti proclaims aloud : in whatever world you may be, you cannot escape the fruit of Karma. Hence submission of one's soul to Kudalasaṅgama Deva brings blessedness and freedom.

2. They say that the dining plate is the right receptacle for the Liṅga. But the dining plate is not the right receptacle. For the Liṅga one's own mind is the right receptacle. If you know how to offer your own soul without indifference, with a pure heart, Kudalasaṅgama Deva will remain in you.

3. Oh ! I fear not to be in the mind wherein Thou hast placed me ; for that mind has submitted itself to the limitless great One. I fear not to live in that wealth wherein Thou hast placed me ; for that wealth will not be spent for my wife, son, mother, father. I fear not to live in that body wherein Thou hast placed me ; for that body having submitted its all is in the constant enjoyment of 'Prasād.' Hence my whole being is courageous and strong, and I fear not even Thee, O Kudalasaṅgama Deva.

C. *Do not Mortify the Body.*

1. If you quell the senses you are guilty. The five senses will hereafter come and will torment you. Did Siriyala and Chaṅgale abandon the pleasures of life and that enjoyment of happiness as husband and wife ? It is only if after having touched Thee, they be tempted to other's wealth and women, that they will be away from Thy feet. Oh Kudalasaṅgama Deva.

Stage IV : Prāṇaliṅga : Siva in the Life.

A. *The Nature of the Prāṇa-Liṅgi.*¹⁹

1. There is an eye within the eye : why do you not know how to see with it ? So, there is life within the life : why do you not know it ? There is a body within the body, and it is inseparable. O Kudalasaṅgama Deva, no one knows the nature of the body Thou hast given.

2. Some take care of their body, others of their life, others of their mind and others of their words. But none take care of the Liṅga within their own life, except Marayya of Tangaturu, the true servant of Kudalasaṅgama Deva.

3. The worship of other Liṅgas cannot stand firm : they merely deceive the mind. For Kudalasaṅgama Deva stands in the interior of your own mind.

4. Those that are rich build temples for God. But alas ! what can I do ? I am a poor man. To me my legs themselves are pillars, my body itself is the temple, and my head itself is the golden crown.

B. *The Behaviour of the Prāṇa-Liṅgi.*

1. When one has the Liṅga in his life, then what are we to say about walking without the Liṅga and of speaking without the Liṅga ? One should not taste the pleasures of the five senses without the Liṅga ; one should not swallow even saliva without the Liṅga. This is the word of Kudalasaṅgama Deva.

2. In this body life is the food to be cooked, calmness is the water and the senses are the fuel. I light the fire of knowledge ; I stir the food with the ladle of reason ; I boil it well, and, having seated myself on the inner soul, I offer to God that food of complete satisfaction. Then it becomes acceptable to Kudalasaṅgama Deva.

¹⁹ The man who knows and feels that Śiva dwells within him as the Liṅga.

C. The Prāṇa-Liṅgi's Realization of God.

1. I assume the posture, *Paśchima Padmāsana* ²⁰: I straighten my back, poise my shoulders and move not my lips. I gaze steadfastly, with my eye-brows bent low. So I build a temple in the *Brahma-randhra* ²¹ and catch Kudalasaṅgama Deva in my hands.

2. When my eyes are full, I cannot see. When my ears are full, I cannot hear. When my hands are full, I cannot worship. When my mind is full, I cannot contemplate, O mighty Kudalasaṅgama Deva.

3. What if a snake's hole has many openings?—the snake stays in one place. Behold, the mind, by means of contemplation removes its own delusion. Mark how it is cleansed from phenomenal states, when it meditates, O Kudalasaṅgama Deva.

4. O Thou God, that art pure and pervadest the whole earth, water, light, air and sky, no one can behold Thy greatness save the man whose form has become 'prāṇaya' ²² itself. By meditation on that jewel of knowledge the passage of my veins becomes pure; and so I worship, and see Kudalasaṅgama Deva.

5. When that Liṅga, by the favour of the Gurn, enters your mind, if you say that you have come to know it by regulating the vital airs of the body, you are surely guilty of ingratitude. If you say you have realized it by controlling the nerves called *Idā*, *Piṅgalā* and *Sushumnā*, will Kudalasaṅgama Deva fail to cut your nose?

Stage V: Śaraṇa: Self-Surrender.

A. Knowledge of God.

1. By knowledge of Thee my bodily passions have been destroyed; by knowledge of Thee my mental passions have been destroyed; by knowledge of Thee my Karma has been cut through. Thy servants have given me constant advice and have showed me faith in its reality, O Kudalasaṅgama Deva.

2. What good will reading and listening do you who have no knowledge of the path of God? Why even the parrot reads! But it does not know the path of God, O Kudalasaṅgama Deva. It was Channayya the Mahār who had the fruits of reading.

3. A flock of sheep enter a garden of sugarcane and nibble only the leaves of the cane. Hence they cannot taste the sweet juice that is inside. It is only the elephant in rut that can know Thee. How can these sheep know Thee?

4. Faith mixed with pride breeds Karma. Acting without knowing brings loss to one's own calmness. If you act without knowing what is proper for the occasion, Kudalasaṅgama Deva refuses to stay in you.

B. The State of Śaraṇa.

1. Do not compare things that are incomparable. They are devoid of time and action, devoid of worldliness, Thy servants, O Kudalasaṅgama Deva.

2. Is the sea great? It is bounded by the earth. Is the earth great? It stands on the head-jewel of the lord of serpents. Is the lord of serpents great? He is only a signet-ring on the little finger of Parvatī. Is Parvatī great? She is only one half of the body of Parameśvara. Is Parameśvara great? He is confined on the edge of the top of the mind of the servants of our Kudalasaṅgama Deva.

²⁰ One of the bodily postures recommended in the Yoga Philosophy.

²¹ An orifice, believed to exist in the skull on the crown of the head, through which the soul escapes at death.

²² A name for the sacred syllable *Om*.

3. His origin is not like that of the creatures of the air. Thy servant is a creation of Liṅga. He sticks to one. His heart does not vacillate. He penetrates the mind. He forgets his bodily qualities and worships Thee. He is, as it were. Thine own reflection, O Kudalasaṅgama Deva.

4. If the waters of tanks, wells and rivers dry up, you will see fishes in their dry beds. You will see jewels if the ocean dries up. So, you will see the Liṅga in the servants of Kudalasaṅgama Deva, when they open their minds and speak.

C. *The Environment of the Servant is Holy.*

1. Lo, at his every step, there are clusters of sacred places; at his every step, there are treasures and wealth. If a servant walks about, the place becomes Benares. Where he stays is a sacred place that gives salvation.

2. If a servant sleeps, it is meditation. If a servant wakes up, it is *Śiva-rātri*. The place where he treads is holy, and what he says is divine truth. Lo, the very body of the Servant of Kudalasaṅgama Deva is Kailas.

Stage VI : Aikya : Oneness.

A. *State of Final Absorption.*

1. Ah, what can I say about the bliss I feel, when my body melts, like a hailstone in water, or an image of lac in fire? The waters of my eyes have overflowed their boundaries. Oh, to whom shall I speak of the happiness of uniting with Kudalasaṅgama Deva in oneness of mind?

2. I know not the earth, the sky or the ten quarters. I do not understand them. They say, 'The whole universe is contained in the centre of the Liṅga,' but, like a hailstone, I fell into the midst of the ocean: I am overwhelmed in the happiness of the touch of the Liṅga; and am saying only, 'God,' knowing nothing whatever of duality.

BOOK-NOTICE.

A CHANT OF MYSTICS AND OTHER POEMS, by AMEEN RIHANI. James T. White & Co., New York, 1921.

In this second volume of verse by the author of the admirably adapted translations from the *Luzumiyāt of Abū'l-ʿAlā*, the title poem is placed last, all the "other poems" preceding it. This is an unusual procedure, but a perusal of the volume will show the reader that the *Chant of Mystics* is the climax and natural ending of all that has gone before.

Internal evidence shows the poem to be the work of a Syrian Christian who has a thorough—even an intimate—knowledge of the Arab Muhammadanism of his native land, and of Islam generally, as understood also in Persia and amongst the Sūfīs. Although his dwelling is in the United States and his command of English—shall we whisper American English—perfect, he cannot get away from his beginnings in the Near East. Perhaps he has no desire to do so, for again and again he returns in the beautiful lines which so distinguish this volume

to his native land in terms that leave us in no doubt as to his feeling for it. He speaks of himself as the Wanderer:

I wander among the hills of alien lands
Where Nature her prerogative resigns
To Man; where Comfort in her shack reclines
And all the arts and sciences commands.

But in my soul

The eastern billows roll—

I hear the voices of my native strands.

My lingering eyes, a lonely hemlock fills

With grace and splendour rising manifold;
Beneath her boughs the maples spread their gold
And at her feet the silver of the rills.

But in my heart

A peasant void of art

Echoes the voices of my native hills.

* * *

Land of my birth! a handful of thy sod

Resuscitates the flower of my faith;

For whatsoever the seer of science sayth,

Thou art the cradle and the tomb of God;

And forever I behold

A vision old

Of Beauty weeping where He once hath trod.

And again, in a poem of noble blank verse, there is a varied refrain running through it in rhyme which speaks with no uncertain voice. Its title is *Lebanus: to B.C.R.*

O my Love, how long wilt thou continue

Fondly nursing every dreaming Hour?

Our Lebanon, O my Love, is calling.

Yea, and waiting in his ancient Tower.

* * *

O my Love, how long wilt hither tarry.

Making toys of Time's discarded hours?

Fair Lebanon, O my Love, is calling.

Yea, and waiting in his House of Flowers.

* * *

O my Love, how long wilt hither tarry.

Wilt dally with the web of Time, how long?

Lone Lebanon, O my Love, is calling.

Yea, and waiting in his House of Song.

* * *

O my Love, how long wilt hither tarry

Weaving gossamer of day and night?

Sad Lebanon, O my Love, is calling.

Yea, and waiting in his House of Light.

Despite its English form and its author's mastery of English versification, the book is Oriental from end to end in feeling and spirit

SHE WENT OUT SINGING

She went out singing, and the poppies still

Crowd round her door awaiting her return;

She went out dancing, and the doleful rill

Lingers beneath her walls her news to learn.

Their love is but a seed of what she has sown:

Their grief is but a shadow of my own

O Tomb, O Tomb! did Zahra's beauty fade,

Or dost thou still preserve it in thy gloom?

O Tomb, thou art not firmament nor glade,

Yet in thee shines the moon and lilies bloom.

And the poem "Hanem" reads like a clever translation, so thoroughly Eastern is the whole idea and expression:

Hanem, we must have met before,

Perhaps a thousand years ago.

I still remember when I tore

Your virgin veil of lunar snow.

By Allah, I remember, too,

When sousing in my mortal bain,

You bit my lip and said, "Adieu,

When shall we, Syrian, meet again?"

It will have been discovered that in the lines quoted from "She went out singing," the line, "Their love is but a seed of what she has sown,"

does not scan correctly with the rest of the lines. Herein lies my one criticism of form. There is too much of this false rhythm in the book, and Mr. Rihani is such a master of rhyme and rhythm and language that one cannot put the fact down to anything but the evil effect of modern taste in verse which, like the discords so much affected by the modern composers of music, is but "the union of inharmonious sounds."

Apart from what I may call the purely poetical experience of emotion in this book, Mr. Rihani has much serious purpose in what he has written—much that helps the Western to understand the Eastern mind. That this is his object is clearly expressed in many places: notably in the last of four fine sonnets to Andalusia, where Moor and Christian—East and West—fought so hard a fight:—

AL-ZAHRA.

Not with the Orient glamor of her pleasures,

Nor with fond rhapsodies of prayer or song

Could she her sovereign reign a day prolong;

Not in the things of beauty that man measures
By the variable humor of his leisure,

Or by the credibilities that change

From faith to fantasy to rumor strange,

Was she the mistress of immortal treasures.

But when the holy shrine Europa sought,

Herself of sin and witchcraft to assail,

The sovereigns of Al-Zahra maxims wrought

And Averroes burned his midnight oil;—

Arabia, the bearer of the light,

Still sparkles in the diadem of Night.

Again, in a poem entitled "The Two Brothers," he definitely tells us in a footnote, "I have tried to embody in these stanzas the idea shared partly by the Sufi, that God and the Universe are one." This is of such interest to Oriental scholars that I do not hesitate to quote it in full:

In the grotto the forest designed,

Where the fire-fly first dreamed of the sun

And the cricket first chirped to the blind

Zoophyte,—in the cave of the mind

We were born and our cradle is one.

We are brothers: together we dwelt

Unknown and unheard and unseen

For aeons; together we felt

The urge of the forces that melt

The rocks into willowy green.

For aeons together we drifted

In the molten abysses of flame,

While the Cycles our heritage sifted

From the vapor and ooze, and uplifted

The image that now bears our name.

I am God : thou art Man : but the light
That mothers the planets, the sea
Of star-dust that roofs every height
Of the Universe, the gulfs of the night,—
They are surging in thee as in me.

But out of the Chaos to lead us,
The Giants that borrow our eyes
And lend us their shoulders, must heed us :—
They yield us their purpose, they deed us
Forever the worlds and the skies.

Now the eclectic Muhammadan Sûfis borrowed from any source open to them, including early Hinduism, and the sentiment in the fourth stanza quoted above is eminently Hindu. In the 14th century there arose in Kashmir a great mystic poetess, Lâl Ded, Granny Lâl, as she is now called with affectionate familiarity by the people, Lallâ Yogishwari or Lallêshwari as she is known to the educated. She was a Shaiva Yoginî, by 'profession' as it were, but she was imbued with the eclectic spirit of her time and was to a certain extent acquainted with Sûfi doctrines. Again and again she reverts to the old Indian philosophy of the absorption of the individual in the universal Soul, and being a follower of the Shaiva Yoga, this meant that she taught the absorption of Man in Shiva, as the representative of the Supreme—the One God. At times she becomes more mystical still and merges both Man and Shiva in the One God, the Nothing.

I venture to render one of her poems in English verse, in her own metre, as follows:—

Lord, myself not always have I known ;
Nay, nor any other self than mine.
Care for this vile body have I shown.
Mortified by me to make me Thine.

Lord, that I am Thou I did not know,
Nor that Thou art I, that One be Twain.
'Who am I ?' is Doubt of doubts, and so
'Who art Thou ?' shall lead to birth again.

In another illuminating poem she sings :

Who shall be the rider, if for steed
Shiv the Self-Intelligence shall be ?
What though Keshav shall attend his need,
Helped by Brahma of the Mystic Three.

If the Self-Intelligence be I,
I the Self-Intelligence must be.
Needing Twain in One to know him by
What rider but the Supreme is he ?

And again :

Ice and snow and water : these be three
That to thy vision separate seem :
But they are one to the eyes that see
By light of the Consciousness Supreme.

What the cold doth part, the sun combines :
What the sun doth part, doth Shiv make
whole.

What Shiv doth part, the Supreme confines
In one Shiv and Universe and Soul.

Perhaps the whole attitude is best seen in the following poem—the Oneness of all observable things, earthly and divine—the absorption of the individual soul of all things, terrestrial and celestial, in the Universal Soul :

Thou art the Heavens, and Thou art the Earth :
Thou alone art day and night and air :
Thou Thyself art all things that have birth,
Even the offerings of flowers fair.

Thou art, too, the sacrificial meal :
Thou the water that is poured on Thee :
Thou art unction of the things that heal ;
Dost, then, need an offering from me ?

Here then we have the Shaiva conception of the essential Oneness of the soul of all things conceivable, in the poems addressed by a native of the Himalayan mountains to Shiva, the God of the Himalayas, as the highest representation of the Supreme possible to the mind of Man. In the "Song of Siva" Mr. Rihani gives a very different view of him, which is obviously a clever rendering of the Sûfi view : Hindu in substance, eclectic Muhammadan and Persian in form.

'Tis Night ; all the Sirens are silent,
All the Vultures asleep ;
And the horns of the Tempest are stirring
Under the Deep :

'Tis Night ; all the snow-burdened Mountains
Dream of the Sea.
And down in the Wadi the River
Is calling to me.

'Tis Night ; all the Caves of the Spirit
Shako with desire,
And the Orient Heaven's essaying
Its lances of fire :

They bear, in the stillness that covers
The land and the sea,
The River, in the heart of the Wadi,
Calling to me.

'Tis night, but a night of great joyance,
A night of unrest :—
The night of the birth of the spirit
Of the East and the West ;

And the Caves and the Mountains are dancing
On the foam of the Sea.
For the River inudant is calling,
Calling to me.

In the following verses I venture to sum up Lâl Ded's spiritual hopes in quatrains in her own style, based on well known stories about her end and her own actual expressions.

Lo ! a Vision is before mine eyes,
Framed in a halo of thoughts that burn :
Up into the Heights, lo ! I arise
Far above the cries of them that spurn.
Lo ! upon the wings of Thought, my steed,
Into the mists of the evening gold,
High, and higher, and higher I speed
Unto the Man, the Self I behold.
Truth hath covered the nude that is I ;
Girt me about with a flaming sword ;
Clad me in the ethereal sky,
Garment of the glory of the Lord.

In the same way, Mr. Rihani's final, and as has been remarked, 'title' poem, "A Chant of Mystics" sums up the Sûfî philosophy, by a quotation from which I close this review of a remarkable work :

Nor Crescent nor Cross we adore ;
Nor Budha nor Christ we implore ;
Nor Muslem nor Jew we abhor :
We are free.

We are not of Iran nor of Ind,
We are not of Arabia or Sind :
We are free.

We are not of the East or the West,
No boundaries exist in our breast :
We are free.

We are not made of dust or of dew ;
We are not of the earth or the blue :
We are free.

We are not wrought of fire or of foam ;
Nor the sun nor the sea is our home ;
Nor the angel our kin nor the gnome :
We are free.

Lâl Ded would have heartily endorsed the closing lines :

Whirl, whirl, whirl,
Till, the world is the size of a pearl.
Dance, dance, dance,
Till the world's like the point of a lance.
Soar, soar, soar,
Till the world is no more.

R. C. TEMPLE.

NOTES AND QUERIES.

NOTES FROM OLD FACTORY RECORDS.

27. A wound and service pension.

9 March 1754. *Abstract of letter from Fort St. George to the Court of Directors*, Para. 33. Pension Pagodas 15 [Rs. 52½] Per Month allowd Clemente Poverio, Cajtain of Topasses [Portuguese half-caste soldiers], Per Consultation 5th Novr., he having signalizd himself on many occasions and lost a Leg in the Service. (*Coast and Bay Abstracts*, vol. 5, pp. 458-462.)

R.C.T.

28. Mortar for Buildings.

16 February 1689. *Consultation at Fort St. George*. Chinam or Lime being so very scarce that we cannot procure sufficient for the reparation of the Garrison and being also very necessary to send some to the West Coast to carry on their building there, It is orderd that 20 Tons of chaulk and a plasterer by trade be sent aboard the *Williamson*, who understands the makeing lime, there being plenty of wood at Bencoolen. (*Records of Fort St. George, Diary and Consultation Book*, 1689, p. 15.)

R.C.T.

29. Punishment by Court Martial for Piracy.

18 April 1689. *Consultation at Fort St. George*. The two condemned Persons one of whom being a young man, forced or drawn in that bad Company in India, being a Prentice servant was commanded by his Master thereto, the sentence falling upon him by the lott of dye [dice], and being the generall opinion of the Court Martiall that he was the least Criminall of all and considering that Justice inclines to mercy, Tis agreed and orderd that according to His Majesties Charter granted to the

Rt. Honble. Company and from them derived to us, that Francis Hopkins have a pardon for his life but that he receives a punishment as the rest did, to be whipt and after be branded aboard the *Princess*, and that the other offender be reprieved till Wednesday next, then to be executed aboard the *Defence* according to sentence of said Court and their execution warrant to the Provost Martiall.
26 April 1689. Copy of a Pardon granted Charles Hopkins. Whereas you Charles Hopkins have by evidence and lott the 12th Instant being ustly condemned by a Court Martiall to suffer death for your great and horrid Crime of Piracy, notwithstanding which we being inclin'd to mercy from the scence of your true repentance and hope of your future Reformation, Wee doe by the authority His gracious Majesty the King of England has granted by his Charter to his Rt. Honble. East India Company and from them derived to us, their President and Council of Fort St. George, doe hereby, remitt and Pardon you from the said sentence and execution of death for your said Crime of Pyarcy and that you now only suffer the punishment ordered to be inflicted upon you, which we hope will terrifie others and warn you from the like crime for the future which the Almighty grant. Given under our hands and the Rt. Honble. Companys Seale at Fort St. George in the City of Madrass this 26 April Anno Domini 1689. ELIHU YALE, JOHN LITTLETON, THOMAS WAVELL, JOHN CHENEY, WILLIAM FRASER, WILLIAM CAWLEY, THOMAS GREY. (*Records of Fort St. George, Diary and Consultation Book*, 1689, pp. 40, 44.)

R.C.T.

FURTHER SPECIMENS OF NEPĀLĪ.

BY R. L. TURNER.

(Continued from p. 49.)

V.

A CLEVER JUDGE.

Wile êk bâwan ko tsōra dwī bhai thiū. Ab us ko tsōra dwī bhai aphnu alag bhai gaiu. Patsi aphnu bastubhau āsā bannā lāyo. Tē aphnu dāzī tsāī le tsalak bhaiērā āphu le gōru gōru lia tsā. Bhai tsāī lai gai ko maumate dio tsā. Tab wāā bāto êk dzaga mā gōt tsāri rētsā. Dai tsāī ko dīl muni gōt rākhyā tsā : bhai dzaī ko dīl māthi gōt rākhyā tsā. Tap patsi bhai tsāī ko gai le bātsi pāyā tsā. Tyō bātsi dīl muni khaserā dai tsāī ko gōt mā pugyā tsā. Tē aphnu bhai tsāī le tyō gai ko bātsi khōdzerā hinnākheri dāzi dzaī ko gōru sitā dēkhya tsā. Ta aphnu bhai tsāī le aphnud āzi lai bhanyu : “ Dai, miro bātsi biaīērā tiro gōru sitā ai pugyā tsā : lo ! mā lai *dinwōs* ” : bhanerā bhanyu. Tē dai dzaī le bhanyu : “ Tiro gai le biāko rētsā bhane dēkhin, tiro gōt mā basne thiū. Miro gōru le biāko bātsi dinne. ” Dwī bhai āpastā mā dzagerā bhōio. Tē dai tsāī le bhanyu : “ Tiro gai le biāko rētsā bhane dēkhin, *panzōbhaladmi* dzama garā. ”

Phiri aphnu dai zāī le sab *panzōbhaladmi* dzammā garyo ; bhai dzaī le *panzōbhaladmi khōddakheri* kōi panī paiōnā. Tē us ko bhai dzaī ko man mā birōk lāyerā khōla tirā goio. Tap us ko bhai tsāī le yōtā śyāl utā bāto āko dēkhyo. Tē ū le bhanyu : “ Ê *dzamōmantri*, timi lai yōtā nisāp sōdsū. ” Śyāl le bhanyu : “ kyē nisāp hō ? ” Tē us le bhanyu : “ Miro gai le biāko bātsi lai miro dādzu le us ko gōru le biāko bhani sēr gērnū lāyo. Tab mai le. ‘ Miro gai le biāko bātsi hō : mā lai dēu. ’ Tē mā lai dienā. Yō nisāp kaso hunse ? ” bhanerā dzamōmantri lai sōdhyo. Dzamōmantri le bhanyu : “ Aile timi dzau : mā patsi auntsu Yō nisāp gari deūla. ”

Āgo *salgirā* gāko dzāngal mā gaiērā aphnu muk mā sab kālo ghāsirā āyo. Tab us ko dāzu dzaī le : “ Kōi tirā *panzōbhaladmi* ? ” bhanerā bhai tsāī lai sōdhyo. Bhai dzaī le bhanyu : “ Mero *panzōbhaladmi* patsi aunde tsā : ” bhanerā bhanyu. Tē bāto ali khēr mā dzamōmantri āyo. Tē us ko dai dzaī ko *panzōbhaladmi* le bhanyā : “ Ê dzamōmantri, kinā awela garyo ? ” Tab dzamōmantri le bhanyā : “ Ohō khōla mā dārelo salkirā goiā tse, to mātā tīpte khande tīpte khande gērdākheri awela bhōio. ” Tab us lai dai dzaī ko mandriheru le bhanyē : “ Thet ullu ! khōla mā kailei dārelo salkintse ? ” Dzamōmantri le bhanyo. “ Thet ullu ! gōru le kailei bātsi panī biauntsā. ” Bhanerā dzamōmantri aphnu ghēr mā goio. Tap patsi aphnu dwī bhai salla garerā dāzi dzaī ko bhaladmiheru le dwī bhai lai milaiērā us ko bātsi bhai dzaī lai diyu. Sabei *panzō bhaladmi* le : “ Khōla mā dārelo kailei dzannā : gōru le bātsi kailei biaunnā : khāsā khās tiro bhai ko gai le biāko bātsi hō ” bhanerā milaiērā rākhyo.

Translation.

Once there were two brothers, sons of a brāhman. Now his two sons the two brothers. went apart. Afterwards they began to divide their cattle. Then the elder brother, being cunning, himself took the bulls. To his younger brother he gave the cows. Then after that they are pasturing their herds in one place. The elder brother's herd is placed on the lower terrace ; the younger brother's herd is placed on the upper terrace. After that the younger brother's cow bore a calf. That calf falling on to the lower terrace came into the elder brother's herd. Then his younger brother, looking for his cow's calf, walking about, saw it with his elder brother's bulls. Then the younger brother said to his elder brother : “ O elder brother, my calf having been born has come among your bulls : come, give it me, please. ”

So saying he spoke. Then the elder brother said : " If it had been born from your cow, it would have been in your herd. I will not give up the calf born from my bull." There arose a quarrel between the two brothers. The elder brother said : " If it was born from your cow, collect assessors."

Again, the elder brother collected all his assessors ; the younger brother seeking assessors could not find any. Then grief coming into the mind of the younger brother, he went into the valley. Then the younger brother saw a jackal coming from there. Then he said : " O jackal, I will ask from you a judgment." The jackal said : " What is the judgment ? " Then he said : " My elder brother has laid claim to the calf born from my cow, saying it is born from his bull. Then I : ' It is a calf born from my cow : give it me.' But he did not give it. How will this case be ? " So saying he asked the jackal. The jackal said : " Do you now go ; I will come after. I will settle this case."

Going to a forest where a fire had gone burning, and having rubbed the black on his face, he came. Then the elder brother asked the younger brother, saying : " Have you any assessors ? " The younger brother said : " My assessor is coming behind." So saying he spoke. After that in a little while the jackal came. Then the elder brother's assessors said : " O jackal, why are you late ? " Then the jackal said : " Oho ! A fire has come burning in the river : so keeping on picking up the fish and eating them, I became late." Then the elder brother's assessors said to him : " You fool ! does a fire ever burn in the river ? " The jackal said : " You fools ! does a bull ever bear a calf either ? " So saying the jackal went to his home. After that, the two brothers having taken counsel, the elder brother's assessors, having reconciled the two brothers, gave his calf to the younger brother. All the assessors completely reconciled them, saying : " A fire never goes in the river ; a bull never bears a calf. Most certainly the calf was born from your younger brother's cow."

Notes.

The speaker was a Gurung, whose native language was Gurungkurā not Nepālī. His Nepālī, like that of most native Mongolian speakers, is chiefly remarkable for the following points :—

1. Tendency to turn unaccented *a*, and unaccented *e* before *i* into *ə* : e.g., *bhanyə* < *bhanyá*, *pugyətə* < *pugyácha*, etc.

é > *i* in *míro tíro phíri* < *méro téro phéri*.

Unaccented *é* > *i* in *ghasírə* < *ghasera* (influence of *s* ?) ; elsewhere > *e* or *ə*.

e j > *ts -s-*, *dz -z-* without palatalisation of the sibilant. *ch jh* > *ts -s-*, *dz -z-* with loss of aspiration.

2. Fluctuation of pronunciation. *a* remains in *tsəra* < *chórá*, but becomes *ə* in *bhanyə pugyətə* etc. *hinnə'heri* (< *kīrdákheri*). *Tsaī* beside *dzaī zaī* : *dāzi* beside *dādzi*. This should perhaps largely be ascribed to the hesitation of my ear.

3. Simplification of grammatical forms :

(a) The noun has one form only for direct and oblique case, singular and plural : e.g., *bávan ko tsəra* ; *tyó gai ko bátsi* ; *ú le* (but also *us le*) ; *tiro gai le*, etc.

(b) There is one form only, that of the 3rd sing., for both numbers of the 3rd person : e.g. *thiu* (< *thiyo*), *tsə* (< *cha*), *bhanyu* (< *bhanyo*), *rákhyo*. The only exception seems to be the honorific plural *bhanyə* (< *bhanyá*) used with the Jambumantri.

wile < *uile* : lit. ' then ' : from pronominal stem *u-*. Cf. *aile* ' now ' *tailé* ' then ' *jaile* ' when ' *kaile* ' when ' . Káśmīrī also has an *l-* suffix in adverbs of time : e.g., *teḷi* ' then, ' *yeḷi* ' when '.

bānnā < bāṇa : cf. *hinu < hīnu*.

tsai : a deictic particle with some adversative force, especially used with two or more nouns which are contrasted ; so here throughout *dai caī* and *bhai caī*.

dāzi < dājyu : the form *dai* also occurs under the influence of *bhai*.

maumate < mālmatāi emphatic form of loanword *mālmātā*.

dinwōs < dinu hawas.

gōru : *ō* under the influence of the following *u* does not become *ô* as in *ghōra gōra*.

paṇṣabhaladmi < pañca bhalā ādmi.

garā < gara : 2nd plur. for 2nd sing. imperative. *tiro* occurs in the same sentence.

khoddakheri < khōjdākheri : cf. *raddhāni < rājdhāni*.

dzāmāmantri < jambu mantri.

sālgira < salkiera : cf. *salkintā* below.

VI.

SONGS OF FRANCE.

1914-1915.

Dusmanai mārne Gōrkhāli sipāhi hukum bhō mālik ko :
 Dhāwā ko gīdai mā jōri dīnchu : chimā dēu Kālī ko.
 Gardai chan bhēt ghāt āpasta sāha tesai ra dinai mā :
 " Sipāhi ko dōsti na garna ; bhai cha : sāha chutēhu chinai mā.
 Surtā na phikri na gar ; mā pharkī ālā cainai mā."
 " Āi bhāiharu " bilāp garna thāle bālakhai lainai mā.
 " Āi pyārā ma lāi chutāera jānehau. Mā rahne kasori ?
 Swāmi ko biyōg ko athāha dukhai mā sahne kasori :
 Sirai ko tōpi uthāi lagyo gaigā ko hawāi ;
 Cauda san bāṭa aṭhāra samma sakena larāi.
 Mārsal mā pugī pāni kā jahāj mā ganna sakdina ;
 Bācera hāmi Hindustān jāulā, mā bhanna sakdina.
 Jarmani dhāwā agghorai bhayo Dēbi kā bānai le ;
 Tim barsa samma dhāwā mā basdā harkhāyo jānai le
 Aūgrēji sipāhi Phrāsi ko jillā gai gae phutukai :
 Gōli ko parrā rāt dinai caldā man runchan dhurukai
 Aūgrēji sipāhi Phrāsi sipāhi bhāidōsti gariā ;
 Jarman ko atek masingan parrā ekai thāu mariā.
 Jiwai ra mēro sitalai bhayo Phrāsi kā būrai le
 Aūgrēji sipāhi ranai mā mare gōli kā pīrai le.
 Pharst tard ko darāp aṭhāro bhayo chāuni kā jhōlā le
 Ēkai ra seksin uthāi lagyo Jarmani gōlā le.
 Chāuni ko palṭan larāi āundā samudra tardaina ;
 Chāuni mā basne dui ghūrā ghasne bikālai mardaina.
 Phrāsi ko muluk dīsambar mainā pario Larapha ;
 Ranai mā pari bhāi dōsti mare Kālī ko sarapa.
 Phrāsi ko muluk ciso ra khaṭṭā : barāṇḍi bichāē :
 Hukum mā mūni atekai gardā Jarman lāi bitāē.
 Phrāsi kā dēs mā paral ko bāri, pākai khumāni ;
 Ragat mā pari hīlai mā gāryo ; chimā dēu, Bhawāni
 Lestari gōrā atekai gardā lūṭiā masingan .

Tôpai ko dhûã kuro jhai pardâ tharkanchan pâpi man.
 Dasai ra târikh unis sau pandra mârea kê mainâ mã
 Sikin Tard Gôrkhâ bahâduri bhayo Lestâr kê bâte mã.
 Titaraî câkorai banai mã mare pãe nambar charrâ le :
 Pãcai ra lainai Jarmani pare masingan parrâ le.
 Tôpai ko phaira dâi dâi bhayo Phrâsi kê phâtak mã ;
 Sikin Tard Gôrkhâ bahâduri bhayo Nyûsepal atek mã.
 Tôpai kê gôlâ jhimjhimî âundâ râmârâm bhanda chan
 Ghôpto ra cêpto sâthi bhâi mardâ kasai le ganda chan
 Sâthi bhâi bhôkdâ jiu mêro bhijyo ragat kê thôpâ le :
 Phrâsi mã teso din dinai marthe bairi kê tôpâ le.
 Nirbali jiu le haresai khândâ âyôni bukhârai :
 Phrâsi kê ghar mã gôli ko darai pâina uchârai
 Patrôlai ghûmne hawâi jahâj akâsai ghumâune ;
 Pâni ko jahâj Jarman kê âundâ Aûgrêj le dhubâune
 Kali ko pâp ragat kê dabbâ ; chimâ dêu, Dêbi mâi !
 Jarman ko jahâj urdâ mã âyo ; luki jâu, dâji bhâi !
 Rimi ra jhimî pâni ra âyo ; barandî ôrhâulâ:
 Topai kê gôlâ âundai chan bâklo ; kahã lukna mã jâulâ
 Hê pâpi Jarman batâs ko jahâj akâsai ghumâune,
 Nisânai dine siristâ line duniyâ ruwâune !
 Pacisai târikh unis sau pandra sitambar mainâ mã
 Kulbîr Thâpâ le pâyôni hîsi ghaile liâundâ mã.
 Sirai mã ghumâi mârulâ mai le samâti risai mã.
 Jarmani dhâwâ mã gari âi Misar kê dêsai mã.
 Dinai ra dinai carkine ghâmai Misar kê jillâ mã;
 Jarman ko phaujai bhusukai bhayo Biljam kê killâ mã
 Âur ko rasai Phrâsi ko raksî kinulâ dâmai le :
 Misar kê dês mã rêti cha dhêrai ; mã marû ghâmai le
 Dêbi kê bân le bhai sakyo juddha ; duniyâ sakiyo.
 ' Bâcûlâ ' bhani âs man mã lâgcha ; satte jug thâpiyo
 Kâphar na hunu ; ranai mã marnu ; na khânu haresai.
 Man gara yestai. Kahã rahecha pahâr ? kahã rahecha madesai

Translation.

Gurkha soldiers to slay the enemy was the Master's order. A song of the war will I make
 Have pity, O Kâli.

They meet together on such a day. " Make not friendship with the soldiers. There
 is my younger brother : with him I leave thee soon. Be not grieved nor troubled ; I shall
 return in time of peace " " Alas, brothers ! " Thus in the lines the children began to make
 lament.

" O my lover, thou wilt leave me and go. How can I remain ? How shall I bear the
 immeasurable grief of parting from my husband ? "

The sea-wind blew away the hats from our heads. From year fourteen to year eighteen
 the fighting did not cease.

When I reach Marseilles I cannot count the ships of the sea. Shall we live to return to
 India ? That I cannot say

Terrible was the German attack through the shafts of Dêbî. For three years my soul exulted in the fight.

The English soldiers came hot-foot to the land of France. The rain of bullets speeding night and day, our hearts weep bitterly.

English soldiers and French soldiers made fast friends. In the German attack through machine-gun fire they died in one spot.

My body was cooled by the beer of France: the English soldiers died in battle through hurt of bullets.

The draft from the 1st battalion were in difficulty because of the rucksacks from their cantonment; and a German shell carried away one whole section.

The regiment in cantonments, although war comes, will not cross the sea; sitting in cantonments, squatting on their hams, they will not die untimely.

In the land of France in the month of December fell snow. Falling in battle my brothers died by the curse of Kali.

The land of France is cold and biting. I put on my great-coat. Obeying the order I attacked and slew the Germans.

In the land of France are fields of hay: ripe are the apricots. One falling in blood is buried in the mud. Have pity, O Bhawânî.

The white regiment of the Leicesters made an attack and captured a machine-gun. When the smoke of the guns falls like a mist, then tremble the hearts of the wicked.

On the tenth day of the month of March in the year 1915 were gallant deeds done by the Second-Third Gurkhas on the left of the Leicesters.

Black partridge and red partridge have been killed in the jungle by number five shot; and five lines of Germans have fallen by the fire of our machine-guns.

The fire of the guns rumbled in the gateways of France. Gallant deeds were done by the Second-Third Gurkhas in the Battle of Neuve-Chapelle.

The shells of the guns coming like fine rain give greeting on their backs and on their faces my friends and brothers dying—shall any count them?

Carrying my friend and brother my body has been wetted with drops of his blood. In France thus daily they were killed by the guns of the enemy.

When my body was weak and despaired, then came fever. In the houses of France I found no refuge from the peril of bullets.

An aeroplane on patrol is sailing round the sky: the ships of the Germans the English sink as they come.

Gouts of blood through the sin of Kali! Have pity, Mother Dêbî! A German aeroplane has come flying; hide you, my brothers.

The rain has come pouring; I will put on my great coat. The shells of the guns come thickly: where shall I go to hide?

O wicked German aeroplane, that sailest the sky, giving mark and taking aim and making the people lament.

On the 25th day of the month of September in the year 1915 Kulbîr Thâpâ won the V.C. bringing in wounded.

Turning him on his head I will slay him, seizing him in my wrath: thus having fought against the Germans, I came to the land of Egypt.

Day after day the sunshine glares in the country of Egypt. Overwhelming was the German army in the forts of Belgium.

The juice of the grape, the spirit of France, will I buy with a price. In the land of Egypt is much sand ; I shall die of the heat.

By the shaft of Dêbî has the war been finished ; the people are no more. Hope comes to my mind, saying : ' I shall live.' The golden age has been established.

Be not a coward ; die in battle ; do not despair. Thus do you determine. How great is the difference between the Plains and the Hills !

THE HISTORY OF THE NİZAM SHAHÎ KINGS OF AHMADNAGAR.

BY LIEUT.-COLONEL SIR T. W. HAIG, K C.I.E., C B.E.

(Continued from p. 36.)

LXXXVI.—AN ACCOUNT OF THE QUARREL WHICH AROSE BETWEEN ŞALÂBAT KHÂN AND SAYYID MURTAZÂ AND OF ITS CAUSE AND ORIGIN.

The quarrel which arose between Sayyid Murtaẓâ and Şalâbat Khân was in truth the cause of the ruin of both of them, as well as a host of others.

When Şalâbat Khân found his power firmly established and, as has already been indicated, had overpowered Asad Khân, who had striven so hard to ensure his collaboration in the office of *vakîl* and *pîshvâ*, he formed the design of reducing Sayyid Murtaẓâ, like the rest of the *amîrs* to a state of absolute obedience to all his commands and prohibitions. He therefore issued to Sayyid Murtaẓâ, under the royal seal, insolent and domineering *farmâns*, full of impertinence. These orders naturally inflamed the wrath of Sayyid Murtaẓâ, and led to strife. Sayyid Murtaẓâ and Şalâbat Khân had formerly been firm friends and had confirmed their friendship by means of oaths and agreements. Such orders as these were therefore most distasteful to Sayyid Murtaẓâ and as he was, partly in consequence of his former friendship with the *vakîl*, no whit inferior in power and influence to Şalâbat Khân, he returned to them such answers as were far from being acceptable to Şalâbat Khân, and when the strife rose high between them, turbulent fellows did their best to increase it and strove day and night to ruin both, until there happened to them what happened, as will be related hereafter.

When the friendship between Sayyid Murtaẓâ and Şalâbat Khân was changed to enmity, all the *amîrs* of Berar ranged themselves on the side of Sayyid Murtaẓâ and opposed Şalâbat Khân. As Şalâbat Khân had so closed all avenues of access to the king that by no device whatever could any person, or even any letter, obtain admission to the royal presence, all power in the state remained in his hands, and Asad Khân had no longer any influence in public business. This led to ill-feeling on the part of Asad Khân against Şalâbat Khân, and he secretly allied himself with Sayyid Murtaẓâ and the *amîrs* of Berar, and several times succeeded in bringing Sayyid Murtaẓâ to the capital with a force of 20,000 horse. Şalâbat Khân had no chance of successfully opposing this force, for the greater part of the army in Ahmadnagar was ill-disposed towards him, so on each occasion on which Sayyid Murtaẓâ came, he patched up a peace with Asad Khân, treating him courteously, and obtained his intervention for the purpose of inducing Sayyid Murtaẓâ to return, so that the quarrel was healed for a time; but as soon as Sayyid Murtaẓâ returned, Şalâbat Khân again ignored Asad Khân and seized all power in the state until at length he became so powerful that he removed Asad Khân not only from the office of *vakîl* but also from the rank of *amîr*, as will shortly be related.

LXXXVII.—AN ACCOUNT OF THE DEATH OF 'ALĪ 'ÂDIL SHÂH I, AND OF THE ACCESSION OF IBRÂHĪM 'ÂDIL SHÂH II AND OF THE WAR WHICH BROKE OUT BETWEEN BIJÂPÛR AND AHMADNAGAR, AND OF ITS RESULT.

A. D. 1579. As the king, on whose government depended all the affairs of Hindûstân, was ever desirous of extending his dominions until he should have brought the whole globe under his control, he now formed the design of conquering Bidar, and informed Şalâbat Khân and Asad Khân of his project in writing, ordering that an envoy should first be sent to Ibrâhîm Qutb Shâh to renew the alliance with him, for the purpose of ensuring his support against Bidar, and that when this mission had succeeded, steps should be taken to conquer Bidar. The *vakils* carried out these orders and sent an envoy to Ibrâhîm Qutb Shâh to inform him of the matter, and as enmity always existed between the Barîd Shâhs and the Qutb Shâhs, Ibrâhîm Qutb Shâh regarded the policy of Murtazâ Nizâm Shâh as his own²²⁹ and concurred in it without the slightest hesitation. After this Asad Khân and Şalâbat Khân assembled the bravest *amîrs* and officers of the army, such as Mirzâ Yâdgâr, entitled Khânjahân, Muhammad Khân the Turkman, Shâhvardi Khân, and Chaghatâi Khân, and of the Hindû *amîrs*, Chandar Râi, Lamtya and Sâtya, and many *silâhdars* of the royal guards, and sent them with a force of 20,000 horse against Bidar. The *amîrs* with this army marched to Bidar, encamped before the place and reduced Malik Barîd,²³⁰ the ruler of Bidar, to a state of terror.

Malik Barîd, being unable to withstand the army of Ahmadnagar, shut himself up in the fortress, which he strengthened, in order that it might be able to resist the attacks of the besiegers. The army of Ahmadnagar meanwhile invested the fortress, set to work on the trenches, and opened fire against the place.

The fortress of Bidar is a byword in Hind and Sind for strength, being second only to the fort of Khaibar for strength, and it could not, therefore, be captured at once; and the siege dragged on. Barîd and the garrison were reduced to great straits by the long continuance of the siege, and he appealed to 'Alî 'Âdil Shâh for help, sending to him a eunuch of whose beauty 'Alî 'Âdil Shâh had long heard and whom he burned to possess, and other gifts, entreating him to help him in repulsing the army of Ahmadnagar.

When informers brought to 'Alî 'Âdil Shâh the news of Barîd's difficulties and of the approach of the beautiful eunuch whom he desired, he was so delighted that before he even met the eunuch he sent several of his *amîrs* and chief officers, with about 10,000 horse,²³¹ to Bidar to the assistance of Malik Barîd, and himself marched on to Sholâpûr, at which place Barîd's envoy and the eunuch had arrived, burning with desire to meet the eunuch. After he had met the envoy and the eunuch, he sent the former to the dwelling which had been prepared for him, and the latter to his own private apartments. When all the attendants and servants of the bedchamber had departed and gone to their own quarters, the king approached the eunuch, and that wretched slave, who with the object of avenging his honour had concealed a naked dagger about his person, seized his opportunity and stabbed the king with his dagger *scindens jecur ejus quod ardebat amore sui*. Since the wretched and bold slave struck well home, the good king heaved one sigh of agony and fell to the earth, while

²²⁹ The Qutb Shâhî and Barîd Shâhî kings were usually on bad terms, partly owing to religious differences, but it was never part of the policy of the former to acquiesce in the annexation of Bidar, either by Ahmadnagar or by Bijâpûr. It may be added that this account of the siege of Bidar is a mere repetition and amplification of the account already given of the siege of the city by Murtazâ Nizâm Shâh and Şahib Khân. Murtazâ did not besiege the city twice, but only once.

²³⁰ 'Alî Barîd Shâh.

²³¹ This is a gross exaggeration. 'Alî 'Âdil Shâh sent only one thousand horse.

his soul at that moment left his body and flew on the wings of martyrdom to heaven. A lamp-tender who was on duty heard the king's cry and went to see what had happened, and the base slave slew him with the same dagger. The guard now became aware of what had happened and carried off the slave and put him to a shameful death.

This event happened on the night of Thursday, Safar 23. A.H. 988 (April 9, A.D. 1580). the words *بسم الله* giving the date.²³²

On the death of 'Ali 'Âdil Shâh the affairs of the kingdom of Bijâpûr fell into great confusion; the army plundered the country and its inhabitants, and violence and injustice succeeded the reign of justice which 'Ali 'Âdil Shâh had established.

'Ali 'Âdil Shâh was in truth a just, generous and beneficent king, a *darvîsh* of pure faith, good-natured and of angelic qualities. He was a lover who knew love's joys and ever consorted with the beautiful and had intercourse with them. During his reign the doors of his treasures were open to afflicted *darvîshes*, and he was a miracle of high spirit and generosity. His humility and hatred of pomp were such that he usually slept on the ground without a bed or covering, and he would often in his meekness, say, 'If God in His mercy had not made me a king what should I have done in my fecklessness and how should I, in my unworthiness, have gained a living?' Although most of his time was spent in sensuality and pleasure, his dominions were much extended during his reign, and he surpassed in power and majesty both his father and grandfather. His court was the resort of the learned and accomplished men of the age, and he was so instant in encouraging wise and learned men that when he heard, the fame of Shâh Fathullâh Shirâzî he was at once anxious to meet him, sent a large sum as a present to that sage, and thereby induced him to leave his native land and come to his court, and, as long as 'Ali 'Âdil Shâh was on the throne, Fathullâh held the place of honour among the learned men at his court.

After the death of 'Ali 'Âdil Shâh, the *amirs* and the chief officers of his army put the wretched slave to death as a punishment for the murder which he had committed, and as 'Ali 'Âdil Shâh had left no son, they unanimously raised Ibrâhîm 'Âdil Shâh II, the son of his brother, to the throne, he being then a youth, made their offerings to him, and tendered their congratulations.

LXXXVIII.—AN ACCOUNT OF THE QUARREL WHICH TOOK PLACE BETWEEN MURTAZÂ NIZÂM SHÂH, AND IBRÂHÎM 'ÂDIL SHÂH, AND OF ITS CONSEQUENCES.

A. D. 1580. It has already been mentioned that Malik Barîd had applied to 'Ali 'Âdil Shâh for assistance against the army of Murtaẓâ Nizâm Shâh, and that 'Ali 'Âdil Shâh had sent some of his *amirs* and officers with nearly 10,000 horse to his assistance. This act of hostility greatly annoyed Murtaẓâ Nizâm Shâh and he began to revolve schemes of revenge. Immediately afterwards news of the death of 'Ali 'Âdil Shâh and of the great confusion among the *amirs* of the kingdom of Bijâpûr reached the king.

The circumstances of this affair were as follows:—When 'Ali 'Âdil Shâh died, Kâmil Khân, one of the chief *amirs* of Bijâpûr, raised to the throne, owing to his extreme youth. Ibrâhîm 'Âdil Shâh, one of the sons of Tahmâsh Shâh, the brother of 'Ali 'Âdil Shâh, and blinded Ismâ'il Shâh, Ibrâhîm's elder brother who had come to years of discretion, and then seized all power in the state, allowing nobody to share it with him.²³³

²³² This date agrees with that given by Firishta (ii, 88).

²³³ According to Firishta all the *amirs* of Bijâpûr concurred in placing the young Ibrâhîm 'Âdil Shâh II on the throne. He does not mention that Ibrâhîm had an elder brother, Ismâ'il, who was blinded, and his silence is probably due to the fact that Ibrâhîm was his patron. Ibrâhîm was only nine years of age at the time of his accession.—F. ii, 90.

In a short time, however, the officers of the army found that they could not endure the domination of Kâmil Khân and allied themselves with Kishvar Khân in order to overthrow him.²³⁴ They succeeded in their design, and, having removed Kâmil Khân from the control of affairs, left the coast clear for Kishvar Khân who now assumed supreme power in the state. Kishvar Khân was apprehensive of Sayyid Mustafâ Khân, one of the greatest, wisest, and most politic and resourceful of the *amîrs* of Hindûstân, who was then engaged in a holy war against the infidels of Vijayanagar, and he therefore sent the Sayyid Mirzâ, Nûr-ud-dîn Muḥammad Nishâbûrî, with some *amîrs*, *havalḍars*, and officers of the army with orders to seize and slay him. This infamous force slew Sayyid Mustafâ Khân, who was, in truth, the chief pillar of the Bijâpûr state.²³⁵

When Murtaẓâ Nizâm Shâh heard of the plight to which the kingdom of Bijâpûr was reduced, owing to the quarrels between the *amîrs*, he ordered the *vakils* of his kingdom to send an envoy to Goleonda to confirm and renew his treaties with Ibrâhîm Qutb Shâh and to make an offensive and defensive alliance between the two states in order that Ibrâhîm Qutb Shâh might join him in attacking Bijâpûr.

Salâbat Khân and Asad Khân sent an envoy to Goleonda to make the alliance and then jointly appointed Malik Bihzâd-ul-Mulk, the Turk²³⁶, the *sar-i-naubat* of the right wing of the army, commander-in-chief of the army of invasion, associating with him a number of the most famous *amîrs*, such as 'Âdil Khân and most of the *silâhdârs*, Foreigners, Dakanîs, and Africans.

Malik Bihzâd-ul-Mulk, after he had assembled and equipped the army, marched with it towards Sholâpûr, and when the army, which was very numerous, entered the kingdom of Bijâpûr, the lot of the inhabitants of that state was indeed hard. The troops plundered and laid waste the country for a considerable distance on each side of the line of march, destroying many towns and villages, while the garrisons of the posts on the road and the civil governors scattered and fled on the approach of the royal army, some of them fleeing as far as the capital, where they spread the news of the invasion.

When Kishvar Khân heard of the approach of the army of Ahmadnagar, he ordered the assembly of the army of Bijâpûr to the number of some 20,000 horse and sent some of the *amîrs*, such as Afẓal Khân, Muḡhul Khân, and Miyân Budhû with 10,000 horse, to the assistance of the other army of Bijâpûr, ordering the officers first to effect a junction with the army which had been sent to the relief of Bîdar, and, acting in conjunction with that army, to attempt to drive out the army of Ahmadnagar.²³⁷

²³⁴ Kâmil Khân's offence was that he treated Chând Bibî Sultân, sister of Murtaẓâ Nizâm Shâh I, widow of 'Alî 'Âdil Shâh I, and guardian of the young king with disrespect; and it was at her request, that Hâjî Kishvar Khân removed and beheaded him—F. ii, 93, 94.

²³⁵ Kishvar Khân had enraged the officers serving in the field against the army of Ahmadnagar by demanding from them all the elephants which they had captured. They conspired to depose him from the post of *vakil* and *pishvâ* and to reinstate the Sayyid, Mustafâ Khân. Kishvar Khân forestalled their plans by causing Mustafâ Khân to be put to death. He was strangled by a man named Muhamman Amin—F. ii, 96.

²³⁶ Firishta says that Malik Bihzâd-ul-Mulk was a Circassian. He was thus a fellow-countryman of Salâbat Khân, and this will explain his advancement. The army of Berar under the veteran Sayyid Murtaẓâ Sabzavârî was ordered to accompany the army sent from Ahmadnagar, and Sayyid Murtaẓâ thus found himself, to his disgust, subordinate to Bihzâd-ul-Mulk. Whether this humiliation of Sayyid Murtaẓâ was the cause or an effect of the bitter enmity between him and Salâbat Khân cannot be determined, but it is improbable that Salâbat Khân would have put this slight on Sayyid Murtaẓâ unless they had already been on bad terms.—F. ii, 280.

²³⁷ According to Firishta, Muḥammad Âqû the Turkmân was in command of the frontier fortress of Naldrug or Shâhdrug, and the force sent to his assistance was commanded by 'Ain-ul-Mulk Kan'ânî, with whom were associated Jund Mîr, Ankas Khân, and the African *amîrs* Iklîs Khân and Dilâvar Khân—F. ii, 94, 101, 281.

This army of 10,000 horse marched from Bijâpûr and came up with the army which had been sent to the assistance of the ruler of Bîdar on the banks of the Beora. Here the *amîrs* of Bijâpûr reviewed their united forces and found that they numbered nearly 30,000.

At this juncture spies brought the news that 8,000 Quṭb Shâhî horse, which were marching by way of Sirol and Serâm to the aid of the Nizâm Shâhî army, had entered Bijâpûr territory. The *amîrs* of the 'Âdil Shâhî army considered the repulse of this force to be more urgent than any other operation, and decided to intercept and disperse this force before it could effect a junction with the Nizâm Shâhî army and then attack the latter. The Bijâpûr *amîrs* then marched to meet the Quṭb Shâhî army, but before they could come up with them the news of their movement reached the latter, and the Quṭb Shâhî troops, overcome with terror, fled before they were face to face with the enemy. They were pursued for three stages by the 'Âdil Shâhî troops and many of them were slain. The 'Âdil Shâhî troops, having pursued them as far as the village of Tândar, near Firûzâbâd, returned in triumph, their courage and confidence and their eagerness to meet the Nizâm Shâhî army being much increased by the successful issue of their expedition against the Quṭb Shâhî army.

LXXXIX.—AN ACCOUNT OF THE DEFEAT WHICH, OWING TO THE NEGLIGENCE AND OVER-WEENING CONFIDENCE OF BIHZÂD-UL-MULK, BEFEL THE NIZÂM SHÂHÎ ARMY.

It has already been mentioned that the quarrel between Şalâbat Khân and Sayyid Murtaẓâ had reached an acute stage and that each was constantly employed in endeavouring to overthrow the other. It was at this time that Şalâbat Khân, owing to his quarrel with Sayyid Murtaẓâ, took from him the command-in-chief with which he had been so long associated that it was, as it were, a garment sewn upon his body, and bestowed it on Bihzâd-ul-Mulk, who was both young and inexperienced, placing most of the great *amîrs* under his orders, seeking only his own interests and disregarding those of his master. In obedience to the royal *farmâns*, the *amîrs* of necessity submitted openly to Bihzâd-ul-Mulk, but rendered unwilling service and were exceedingly slack in the performance of their duties in the field. At length Şalâbat Khân realized how disgraceful was the state of affairs²³⁸ and repented of having appointed Bihzâd-ul-Mulk to the command. He now, therefore, appointed Sayyid Murtaẓâ, who was then in Ahmadnagar, to the command of the army in the field, and Sayyid Murtaẓâ, in obedience to the royal command, set out with his own personal troops from Ahmadnagar towards the army in the field and at the same time sent a messenger to the *amîrs* of Berâr, ordering them to assemble their forces and follow him.

When Sayyid Murtaẓâ was within two stages of the army commanded by Bihzâd-ul-Mulk, he was informed by spies that the 'Âdil Shâhî army was marching to attack Bihzâd-ul-Mulk, who had neglected the most ordinary precautions of warfare.²³⁹ The new commander-in-chief therefore sent a message to Bihzâd-ul-Mulk ordering him to march with the army and join him, lest the 'Âdil Shâhî army should attack him when he was unprepared. Bihzâd-ul-Mulk retreated one stage but would retreat no further towards Sayyid Murtaẓâ and halted and passed his time in sensual enjoyment and frivolity. His youthful pride prevented him from taking any precautions until a heavy defeat befell the royal army. This

²³⁸ The armies of Ahmadnagar and Bijâpûr remained encamped within five or six *kurûh* of one another for nearly a month or, according to another account, "for some days."—F. ii. 94, 280.

²³⁹ Firishta says that Sayyid Murtaẓâ was encamped at some distance from Bihzâd-ul-Mulk, and that the *amîrs* of Bijâpûr were encouraged to attack the latter by their knowledge that Sayyid Murtaẓâ, owing to resentment at his supersession, would not be likely to support him.—F. ii, 280.

defeat was entirely due to Bihzâd-ul-Mulk's having been appointed commander-in-chief, or although it could not be denied that of bravery, generosity, personal beauty and good nature Bihzâd-ul-Mulk had a large share, he was utterly inexperienced in war, and the *amîrs*, knowing that Sayyid Murtazâ was available for the command, paid a very unwilling obedience to such a youth.

Bihzâd-ul-Mulk was now encamped at the village of Dhârâseo, between Naldrug and Sholâpûr, engaged in nothing but enjoyment and self indulgence when, at about the breakfast hour, his camp was suddenly rushed by the army of Bijâpûr with such suddenness that the troops had not time to arm themselves, and could make no attempt at resistance.²⁴⁰ The greater part of the royal army fled, and although Malik Bihzâd-ul-Mulk, with a small force, most gallantly charged the enemy's centre yet, as most of the army had fled, this effort was of little avail, and Bihzâd-ul-Mulk, shedding tears of regret, was at length forced to flee from the field. All the baggage, property, horses, elephants,²⁴¹ tents, and camp equipage of Bihzâd-ul-Mulk and his army, fell into the hands of the 'Âdil Shâhî troops, and thus a strong and well appointed army was scattered in a moment, like a girl's locks by the morning breeze, and wandered over plains and deserts.

The 'Âdil Shâhî army thus attained both its objects, and gained large quantities of spoil. The Bijâpûris in their pride then marched towards Bidar for the purpose of aiding Barid-ul-Mulk.

When the news of this disgraceful defeat was brought to Şalâbat Khân, he bitterly regretted having appointed Bihzâd-ul-Mulk who had proved himself to be utterly without foresight and prudence, commander-in-chief. It was all owing to Şalâbat Khân's enmity against Sayyid Murtazâ, that this defeat befell the royal army.

When Bihzâd-ul-Mulk's broken army reached the army of Sayyid Murtazâ, he mounted his horse and rode to some rising ground to one side of his camp and ordered his whole army to arm themselves and to come forth from their camp, and he secretly sent one of his confidential servants to his own tent with orders to remove everything of value, pack it up, and send it to Ahmadnagar and to burn everything else that could not be carried away. It was at nightfall that news of the defeat was brought to Sayyid Murtazâ, and darkness had fallen by the time that his army came forth from its camp and the *saue qui peut* began. Sayyid Murtazâ also was compelled to take flight and the whole army fled through the night, resting nowhere till daybreak, so that the hardships endured by the army of Sayyid Murtazâ in their nocturnal flight were not less than those endured by the camp of Bihzâd-ul-Mulk in their defeat by day.

The next day, when the Nizâm Shâhî army were halted on the bank of a river, spies brought word that the 'Âdil Shâhî army, after its victory, had marched at once in the direction of Bidar,²⁴² without attempting to pursue the fugitives, and Sayyid Murtazâ, ashamed of his unreasonable panic and flight, at once set to work to remedy the state of affairs. At

²⁴⁰ Firishta gives two different accounts of his affair. In his chronicles of Bijâpûr he makes it appear that the army of Bijâpûr attacked that of Ahmadnagar in daylight, and that the latter was well prepared, but was defeated after a pitched battle. In his chronicles of Ahmadnagar he says that the army of Bijâpûr fell on that of Ahmadnagar before dawn, when Bihzâd-ul-Mulk was engaged in a drinking bout, and took it completely by surprise, so that it was able to make no stand.—F. ii. 94, 280.

²⁴¹ About 150, or, according to another account, about 100 elephants were captured.—F. ii. 95, 280.

²⁴² This passage refers to the siege of Bidar (see above) which is not mentioned by Firishta. It may well be doubted whether Murtazâ Nizâm Shâh, or rather Şalâbat Khân, was attempting simultaneously the annexation of Bijâpûr and Bidar.

this juncture, the *amîrs* of Berar, Jamshîd *Khân*, Khudâvand *Khân*, Bahrî *Khân*, Tîr Andâz *Khân*, Shîr *Khân*, Dastûr *Khân*, Chandâ *Khân* and Rustam *Khân*, arrived with a numerous army, and Bihzâd-ul-Mulk, with the *amîrs* subordinate to him, joined the army of Sayyid Murtaẓâ

When the *amîrs* of the Nizâm Shâhî army which was besieging Bidar heard that the 'Âdil Shâhî army had defeated the forces under Bihzâd-ul-Mulk and was marching on Bidar, they retreated from Bidar into the Nizâm Shâhî dominions, and when the 'Âdil Shâhî army heard of their retreat, they turned aside and encamped before Naldrug, which is one of the most important fortresses in the 'Âdil Shâhî dominions.

Meanwhile the royal command reached the *amîrs* of the army which had been besieging Bidar, that they should at once join the army under Sayyid Murtaẓâ, and since they were quite ready to place themselves under his orders, being convinced that he had the best interests of the kingdom at heart, Mîrzâ Yâdgâr and the other *amîrs*, with their troops, at once obeyed the order and marched rapidly to join the *amîr-ul-umarâ*, who was thus in a very short time joined by troops from all sides as the scattered forces reassembled, and their perplexity was changed to content. The *amîr-ul-umarâ* and the *amîrs* with him then resolved to avenge the recent defeat, and marched, with their great host, against the 'Âdil Shâhî army.

On the way Sayyid Shâh Mîr with nearly 10,000 Qutb Shâhî horse, who had been detached to aid the army of Ahmadnagar, joined the army, and Sayyid Murtaẓâ and Sayyid Shâh Mîr met with joy. The two armies then marched on Naldrug, resolved on avenging themselves on the Bijâpûrîs.

The allies arrived before Naldrug and spread fear among the army of Bijâpûr, which, however, relying on the strength of the fortress, prepared to oppose the invaders. That night, there being nothing but the fortress between the opposing armies, each army lay under arms in case of a night attack from the other. The next day at daybreak the armies took the field and the marshals drew up the forces in battle array. The two armies then advanced simultaneously against each other and joined battle. The fight was fierce and raged without advantage to either side from daybreak until noon, when a body of Nizâm Shâhî horse made a dashing attack on the enemy's front. This was followed by an attack by a thousand picked horsemen on the enemy's centre. A number of war elephants preceded the cavalry attack, and the whole attacking force advanced with the impetuosity of a mountain torrent. This attack broke the enemy's centre, and his right and left wings, seeing that the centre had been broken, also broke, and the attack thus swept the enemy from the field.²⁴³

The army of Ahmadnagar at once pursued the enemy with such vigour as not even to give them time to look back, and drove them to take refuge in the fort of Naldrug, where they had some respite from the pitiless sword. So headlong was the flight of the enemy towards the fortress that many threw themselves into the ditch which encloses two of its sides, and were drowned. Those who escaped into the fortress at once opened from its walls a heavy fire of artillery and musketry on the attacking force which caused it to retire from under the walls. After this daily combats were fought between the Nizâm Shâhî and the 'Âdil Shâhî troops, victory usually declaring for the former, when the latter would flee again into the fortress.

²⁴³ Firishta does not mention this defeat of the *amîrs* of Bijâpûr and it is very improbable that the army of Ahmadnagar gained any important success at Naldrug, or they would not have been so easily discouraged. As a matter of fact they suffered very heavy losses before the fortress.

When at length the *amirs* saw that there could be no end to warfare of this nature and that little was to be gained by tarrying before Naldrug, they assembled before the *amir-ul-umarâ*, and in the council of war all agreed that as the army in Naldrug was the greater part of the whole army of Bijâpûr, and that hardly any troops remained in Bijâpûr, the wisest course to pursue was that half of the army should make a forced march to Bijâpûr, marching at night in order that the enemy might not be aware of the movement, and besiege that place before any more troops could enter it, leaving half the army to shut up the 'Âdil Shâhî army in Naldrug. This plan was agreed upon, and half of the besieging army set out for Bijâpûr in the depth of a winter's night.²⁴⁴

(To be continued.)

LAND SYSTEM IN ACCORDANCE WITH EPIGRAPHIC EVIDENCE WITH NOTES ON SOME OF THE INSCRIPTIONS AND ON SOME TERMS USED IN THEM.¹

By KISHORI MOHAN GUPTA, M.A.

FROM a careful examination of the Inscriptions it will appear that the grants made by kings or their ministers and other high officials usually consisted of :

A. The village proper or the habitat (*grâma*). In some cases the village was smaller than the normal type (*padraka*) ; and in a few cases these were attached to big villages or to cities or towns.

Padraka has been wrongly translated by Dr. Fleet as "common land." *Antaratrâyâm Śivakapadrake* of the Māliyâ Copperplate Ins. (line 22), had better be translated : in the (*bhukti, viśaya, maṇḍala* or city, and not village of) *Antarâtrâ* in the village (suburban or small) called *Śivaka*. *Padra* means, according to the lexicons, a village : the *taddhita* "ka" (क) is added to imply "smallness." There is absolutely no necessity to refer to "*padr*" or "*padar*" to seek for its meaning.² That *padraka* means a village is explicitly clear from the following :

Aṅkottaka-chaturāṣṭī-antargata-Vaḍapadrak-ābhīdhāna-grāma in the Ins. of Karkarāja³; *Śamīpadraka-grāma* in the Insc. of Jayabhatta⁴ ; *akrūreśvara-viśay-āntargata-sirīṣapadrakam eṣa grāmaḥ* in the Insc. of Dadḍa Mahārāja⁵.

B. The low lands (*tala*) and the high lands (*uddeśa*), the market place (*haṭṭikā*),⁶ plain land and water-reservoirs (*jala-sihala*) which were situated within the village or formed the boundaries.⁷ Compare for example, *Meṣikāgrāma* . . . *satalah soddeśa sāmramadhūka sajalasthala* etc. in the Mongyr cop. pl. Insc. of Devepāladeva,⁸ *talopeta* in the Insc. of Nārāyaṇapāladeva.⁹

²⁴⁴ The fact was that the *amirs* of Ahmadnagar despaired of effecting anything against Naldrug. On the death of Ibrāhīm Quṭb Shāh of Golconda on June 6, 1580, the contingent sent by him to aid the army of Ahmadnagar dispersed. Salābat Khān had succeeded in persuading Shāh Mīrzā Iṣfahānī now *vakīl* and *pishvā* of Golconda, to furnish another contingent and to bring with it the young king of Golconda, Muḥammad Qulī Quṭb Shāh, Ibrāhīm's successor, but Muḥammad Qulī grew weary of the apparently interminable siege, and Sayyid Murtazā and Bihzād-ul-Mulk, seeing that Muḥammad Āqā the Turkmān, commandant of Naldrug, was incorruptible, and fearing lest Muḥammad Qulī should desert them, proposed the advance to Bijâpûr, to which Muḥammad Qulī readily agreed. The enterprise was rash, but the troubles at Bijâpûr encouraged the allies to hope that a *coup de main* might succeed. They could muster 40,000 horse, and there were only two or three thousand horse in Bijâpûr when they arrived before it—F. ii. 101, 337.

¹ The inscription have been studied from the *Prāchīnakhamālā* (Nirnaya Sagar Press), 3 vols. (references have also been given to the *Indian Antiquary*) ; *Gaudalekhamālā* (Varendra Research Society, Rājshahi, Bengal) ; Fleet's *Gupta Inscriptions*.

³ *Prach. Lekha.*, vol. I, 21 ; *I.A.*, XII, 158-62.

⁵ *Prac. Lek.* II, 43 ; *I.A.*, XIII, 82-84.

⁶ Khālimpur Insc. (*Gaḍalekhamālā*) : the Insc. of Seunadeva records the grant of a market place (*hatta*) with some houses only (*Prac. Lek.* II, 16 ; *I.A.*, XII, 127-8).

⁷ Compare *Manu* VIII, 248 : *Taṭṭigānyudapānāni vāpyaḥ prasaravāṇāni ca, Śimāsundhiṣu kāryyāṇi dvīyatunāni ca*. In the Khālimpur Insc. a temple forms a boundary-mark (line 32).

⁸ *Gaudalekhamālā*, page 33 ; *I.A.*, XXI, 254.

⁹ Line 29 ; *Gaudalekh.*, 60.

I may point out here that Mr. A. K. Maitra of the Varendra Research Society has failed to comprehend the real meaning of *talapâtaka* and *uddeśa* of the Khâlimpur Cop. Pl. Insc., lines 52, 53.¹⁰ *Talapâtaka* or *talapadraka* (as in the Insc. of Trilochanapâla of the Châlukya dynasty); *tâla*¹¹ means simply the lower part of a village or the low lands of a village. That *pâtaka* implies a village is clear from the expressions “Mûlavarmapâtakagrâma and Viśalapâtakagrâma” in the Ins. of Śilāditya.¹² It thus necessarily implies from the expression *talapâtaka* that the villages to which they were attached were situated on water’s edge. Thus the village referred to in the Khâlimpur Insc. stands on such a site.¹³ During the rainy season a part of the village would go under water, which in other times would be made use of in various ways. There is no doubt that such villages are of the same type as that referred to in the *Arthaśāstra* of Kautilya.¹⁴ *Uddeśa* in contrast to *tala* implies high lands (*utdeśa*), meaning thereby embankments, earthen mounds around a village,¹⁵ ridges between cultivable fields, etc. *Uddeśa* might therefore include an *ālī* as referred to in the Khâlimpur Insc., line 32, and in the Kamauli Inscription of Vaidyadeva, line 59.¹⁶

Jala-sthala may be explained as including *vâpikûpataḍḍaga* (*taṭṭaka*)¹⁷ and *kacchârâma* (garden on banks of water-reservoirs)¹⁸; *bhṛīṣṭī* or *bhṛīṣṭika* (cottage or garden)¹⁹, *samadhûk-âmra-vanavâṭika*²⁰, and *puspavâṭikâ*²¹ and *vâṭa* (orchard or simply an enclosure)²². In mountainous regions water-reservoirs were of nature’s creation (*hsada-prasravaṇa*)²³.

C. The Pasture land (*gô-cara*, *gô-vâṭa*)²⁴. From a very early time the pasture land was set apart around the village proper. Thus according to Kautilya and enclosure (for pasturage) at a distance of 100 *dhanus* (400 cubits) should be made around a village.²⁵ In the *Dharmaśāstras* too we come across the same injunction²⁶. In the inscriptions we not only find references to this enclosed pasture but also to other varieties, namely, grassy plot of land frequented by cattle (*triṇayûti*) as distinct from *gocara* or *govâṭa*. The Insc. of Vijayachandra²⁷, for instance, records the grant of a village with *gocara* and the *triṇayûti* (*triṇayûti-gocara-sahitaḥ svasîmâ-sahitaḥ*). Many other insc. do the same, but the expression used in the majority of cases is slightly different; *triṇayûti* is used with *sîmâ* as in *svasîmâ-triṇayûti-gocara-paryanta*.²⁸ A third variety namely, natural pastures, seem to be referred to in an inscription found in the Himalaya regions (*prakṛiti-parihâra-yukta*)²⁹.

10 Gaudak, 27.

12 *Prâch. Lek.* III, 38.

14 *Varsârâtram anûpagrâmâ pûravelâyâm utsriṣya vascyuh* (page 207). Cf. also *haraṇiparyantâh* (p. 177) on which the commentary says: *taṭṭakade riktibhûtâdra pradesah hariṇi*.

15 Compare *Manu* VIII, 247: *gulmân venûṃśca vividhân samivâlisthalâni ca śaran kuhjakagultmâmśca tathâ sîmâ na paśyati*. Cf. Kullûka: . . . *sthalâni krîtrîm-annatubhûbhâyân*.

16 *Âlī* has been generally translated as “an embankment.” I may point out here that in the districts of Tippera and Sylhet if not also in other parts of Eastern Bengal *âlī* or *âlā* implies “ridges separating cultivable fields.” In the 16th century the word is used in this sense. Cf. Kâsirâmdâs, *Mahâbhârat*: *dhânaksreter jal yâya vahir haiyâ yatna kare âlī bandhi jal rôkha giyâ* (*Adiparva, uddâlaka-upâ-khyân*).

17 Insc. of Laksivarmadeva, *Prac. Lek.* I, 223; Ins. of Ranga II, *Prac. Lek.* II, 6.

18 Insc. of Ranga II, *Prac. Lek.* II, 6 (*I.A.*, XIII, 156).

19 Insc. of Dharasena, *Prac. Lek.* I, 124. (*I.A.*, XV, 335). 20 Insc. of Jayachandra, *Prac. Lek.* I, 102.

21 Insc. of Śilāditya I of Valabhi, *Prac. Lek.* I, 236 (*I.A.*, XIV, 229).

22 Kamarîpus, line 63 (*Gauda Lek.* 135), of Kaulitya: *Anûdake kâpaselâvandhotsanstâpayet pusha-phalavâtâṃśca* (page 141).

23 *Prac. Lek.* I, 217: the Puṇḍakeśvara temple Insc. of Vadarikâśrama.

24 Insc. of Devapal, *Gauda Lekh.* 39 (line 38); Kamauli Insc. line 63 (*Gauda Lekh.* 135).

25 *Arthaśāstra*, 172.

26 Cf. *Manu*, VIII, 237 and *Yâgyavalkya*, II, 167.

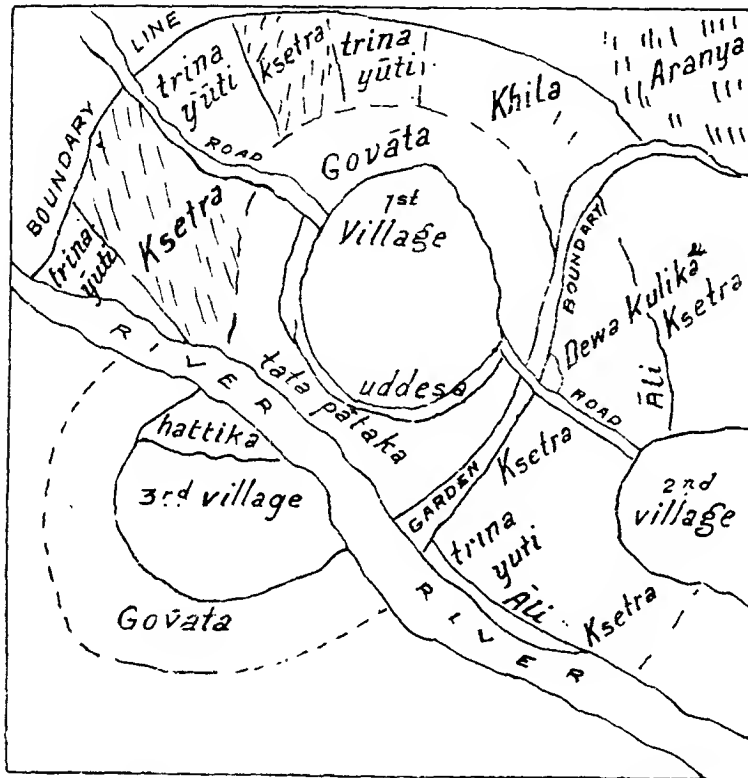
27 *Prac. Lek.* I, 98; *I.A.*, XV, 788.

28 Insc. of Vâkpatirâja (*Prac. Lek.*, I, 2-3); Insc. of Mathanadeva (*Prac. Lek.*, I, 54). In the Insc. of king Bhoja of Dhara (*Prac. Lek.*, I, 4) and in the Insc. of Jayasimha of Dhâra (*Prac. Lek.*, III, 84) the expression used is *svasîmâṇ triṇayocarayûtiparyantâh*. I have no doubt that the two different places are referred to also here.

29 Puṇḍakeśvara temple Insc. of Vadarikâśrama (*Prac. Lek.* I, 217). The word *parihâra* is generally used in the Insc. to imply remission of taxes e.g., *Prac. Lek.* III, 143; III, 158, etc. (Cf. Kautilya: *anugrahaparihârau kosarîddhikarau dudiyât*, page 47). But in this inscription this meaning does not seem to be applicable. It would be better to take it in the sense of pasture land after *Manu* (VIII, 237) and *Yâgyavalkya* (II, 167).

An idea about the exact situation of the enclosed pasture and the natural pastures can easily be formed from what has been said already. But what can be the position of the *trīṇayūti*? It may firstly imply the grassy plot of land which partly formed the boundaries of a village³⁰; and secondly, the cultivable fields lying fallow after the last harvest and serving as pasture land temporarily. From the second case it is evident that the Two-field or the Three-field systems were still in vogue³¹; and, in fact, in a work of the eleventh century A.D. we are distinctly told that "land loses fertility owing to annual cultivation; and one plot of land losing fertility cultivation should be done elsewhere"³². In making grant of a village,

it will be observed, the donor precisely mentions the nature of the land alienated and the rights conceded in favour of the donee; and it is no wonder therefore that the grants also make mention of two boundaries of the village in question, firstly, the boundary upto the *gocara* which was very clearly marked with a fencing and probably a ditch and which was therefore beyond dispute; and secondly, the general boundary, separating a village from the surrounding villages, which was not always undisputed (Cf., e.g., the reference to *Vivādabhūmi* in the Kamauli Insc., line 59). The *trīṇayūti* must have ex-



Ideal plan of the Land System.

tended upto this general boundary. The annexed diagram will further illustrate the point.

D. Ditches, trenches or drains (*gartta*) as distinct from water-reservoirs (*jala*). The distinction is noticeable in the mention of both (*sajalasthala* and *sagarttosara*) in the same inscription e.g., Monholi Cop. pl. Insc. of Madanapâladeva,³³ line 40; the Insc. of Karṇadeva.³⁴ These might have been situated in three different places in the village, namely, just around the habitat, around the pasture or around the whole village, forming its boundaries. We may

³⁰ In some Insc. only *trīṇa* is mentioned, e.g., *Prac. Lekh.* II, 22, 73.

³¹ See Myres *Land system in Vedic India*. (Art. 30. Sir Askutosh Mookerjee Commemoration Volume, to be shortly published by the fellows of the University of Calcutta), when the Two-field and the Three-field systems have been fully expounded.

³² *Yuktikalpataru* (edited by Isvarachandra Sastri, Calcutta), page 6 : *talhā varṣeṣu varṣeṣu karṣandd. bhūguṇakṣayaḥ ekasyām guṇahinīyām kṛṣimanyatra kārayet*. Cf. the term *bhūmigūṇānvitam* in the temple Insc. of Amaranath (*Prac. Lekh.* III, 157).

³³ *Gauḍalākṣa*, 154.

³⁴ *Prac. Lekh.* II, 232.

remember in this connection the evidence of Manu³⁵ and also what Kullûka says on Manu, VIII, 248³⁶. In the Insc. of Devendra Mahârâja³⁷ we are told that on one side of the village there was the ditch demarcating the division or district (*viçaya-gartta*) and there were also ditches on two other sides. In the Insc. of Anantavarman³⁸ too, a ditch forms the boundary of a village.

E. Sterile lands (*ûsara*)³⁹. The expression *ûsarapâsâna* in the Insc. of Govindapâla⁴⁰ seems to indicate the rocky nature of the soil. *Khila* of the Kamauli Insc. of Vaidyadava⁴¹ should not be confused with *ûsara*. In very early times *khila* very possibly meant the land lying fallow in alternate years between two cultivable fields⁴². In the period we are speaking of it means a tract of land which is cultivable but not cultivated. Compare e.g., the evidence of a lexicon of the eleventh century A.D. Says Yâdavaprakâsa in his *Vaijayanti*: *khilam tva-pra-hatam sthânāmûsavatyûsarerinâu*⁴³.

F. Forest lands (*aranya*)⁴⁴. In the Vedic age these were no doubt regarded as "no man's land" and every householder exercised the right of Common or Estover: and served the purpose of natural pastures, burial places, cremation grounds etc.⁴⁵. With the rise of an autocracy during the Mauryan period forest tracts appear to have been regarded as State-property and were organised under a Superintendent of Forests⁴⁶. The injunction of Kautilya was that forest tracts should be granted to Brahmins for religious purposes⁴⁷. The Kamauli Inscription proves that such grants continued in later times as well.

G. Cultivable lands. According to the *Dharmaśāstras* a gift of cultivable lands conferred great spiritual benefit on the donor⁴⁸. The majority of inscriptions record grants of villages with cultivable fields. There are some grants which relate only to cultivable lands e.g., the Insc. of Viṣṇugopavarman⁴⁹, the Insc. of Dharasena⁵⁰ etc. The expressions generally used to imply such lands are *kṣetra*⁵¹, *halakṣetra*⁵² and *kṛṣṭaḥ karṣayataḥ*⁵³. A distinction seems to be drawn between *kṣetra* and *halakṣetra*, the former implying not only the land under cultivation but also the cultivable lands lying fallow temporarily to recover fertility, and the latter only the land under cultivation⁵⁴. That such classifications of cultivable lands were recognised, would be further apparent from what prevailed as late as the time of Akbar. That famous emperor classified such lands into (a) *polaj*, land continuously cultivated, (b) *paraṁti*, land left fallow for a year or two in order to recover its strength, (c) *chachar*, the land that has lain fallow for three or four years, and (d) *banjar*, land uncultivated for five years or more⁵⁵.

³⁵ IX, 289: *prākāśasya ca bhettāram parikhānañca pūrakam dvārānāncaiva bhāṅktāram kṣīprameva pravāsayat*.

³⁶ *Tadāgānyudapānāni vāpyah prasravanāni ca sīndāsandhisu kāryyāṇi devatāyatanāni ca*. Says Kullûka: *taḍāgākūpadīrghikṣalanirgamamārga-devagrīhāṇi ca sīmārūpeṣu grāmadvayasandhisthāneṣu kartavyāni*....

³⁷ *Prac. Lek.* III, 103 (*Epi. Ind.* III, 131).

³⁸ *Ibid.* III: 71. (*Ep. Ind.* III, 19).

³⁹ Mongolī Ins. line 40 (*Gauḍālekḥ*, 154): Insc. of Jayachandra (*Prac. Lek.* I, 102): Insc. of Mahābha vaguptadeva (*Prac. Lek.* I, 66) etc.

⁴⁰ *Prac. Lek.* III, 10.

⁴¹ line 63 (*Gauḍālekḥ*, 135).

⁴² *Land system in Vedic India*.

⁴³ Page 124.

⁴⁴ Kamauli Insc., line 63.

⁴⁵ *Land system in Vedic India*.

⁴⁶ *Arthasāstra*, 49, 100.

⁴⁷ *Ibid.*, 49.

⁴⁸ Cf. Vrihaspati: *phūlākṛṣṭām māhim datvā savjam śasīyāśālinim yāvatsuryyakarā lokāstāvāt svarge mahīyate*, 6, (Calcutta edition); Cf. also *Agni-purāṇa*, CCXI, 34-35.

⁴⁹ *Prac. Lek.* I, 78.

⁵⁰ *Prac. Lek.* I, 24.

⁵¹ e.g., *Prac. Lek.* I, 124.

⁵² e.g., *Prac. Lek.* I, 78.

⁵³ e.g., *Prac. Lek.* I, 239: II, 37: II, 85 etc.

⁵⁴ The distinction is further clear from the expression: *rājatalākakṣetre haṭasya bhūśchedikṛitya* (i.e., partitioning the cultivable areas in the land lying about the royal tank) in the Ins. of Indravarman (*Prac. Lek.* III, 101). In Kautilya (page 340) *kṣetra* is also used to indicate a wider region: *tasyām himavat samudrāntaramudicinam yojanasa hasraparimānatiryakca kṣavarti-kṣetram tatdrāṇyo grāmyah pāta (parvata) audako bhaumassāmo Visama iti Viśesah*.

⁵⁵ *Ain-i-Akbari*, Book II, *aini*, 5, quoted in V. Smith's *Akbar*, 374.

No satisfactory explanation of the words *bhūmicchidra* and *bhūmicchidranyāya*, which apparently relate to land and which are of frequent occurrence in the inscriptions, has yet been offered by any scholar. According to Yādavaprakāśa *chidra* implies 'land which is not fit for cultivation'⁶⁰. Dr. Fleet, if not Dr. Bühler as well, has evidently confused *bhūmicchidra* of the inscriptions with *bhūmiśchidra* of Yādavaprakāśa, and wrongly interprets it as "land fit to be ploughed or cultivated."⁶¹ If, however, *bhūmicchidra* be rendered as 'uncultivable tract', the sense appears to be inconsistent with *bhūcchidram* of the Kamauli Insc. of Vaidyadeva, lines 51 and 62,⁶² where it evidently implies cultivated lands, for the simple reason that the inscription in recording the grant of a village with lands described in points B, C, D, E, and F, (*jālasthalakhilāranyavātagovāṣaṃyutam*) leaves out cultivable tracts to be implied by this term (*bhūcchidra*). In this sense or atleast in the sense of land other than the habitat this word seems to be closely connected with *bhūmiccheda* or *bhūścheda*⁶³. We may also note in this connection the word *dānaccheda* of Yājñavalkya and the Mitākṣarā of Vijñāneśvara on it.⁶⁴ The word *pariccheda* in the Khoh Copper Plate Insc. of Hastin also appears to be connected with land and probably cultivable land⁶⁵. I do not see my way to accept the translation of *Vālugartta nāma grāmeh purvāghātīparicchedamaryyādayā* in the Majhgawam Insc. of Mahahastin⁶⁶ by Fleet; I would like to offer the following translation: "with the village named *Vālugartta* with the land (possibly, cultivable tracts) lying to the east side (of the village) as its (new) boundary."

As to the expression *bhūmicchidranyāya* it may be pointed out that there is a chapter in Kauṭilya's *Arthasāstra*, titled *bhūmicchidravidhānam*⁶⁷. It treats mainly of uncultivable tracts which are to be utilised as pasture land (*akṛiṣyāyām bhūmān paśubhyo vivitāni prayacchet*), as forests for Soma plantation for religious purposes and which were to be made over to Brahmans (*pradiṣṭābhayaśthānurajaṅgamāni ca brāhmaṇebhyo brahmasomāranyāni tapovanāni ca*) and as game forests, elephant-forests and timber-forests. The king is also enjoined to fix the boundaries of each of these. Kauṭilya seems to differentiate between the settled parts (*grāma* or *nagara*) including cultivable areas, which he treats in a separate chapter (*janapadaniveśa*⁶⁸), and the *bhūmicchidra* or land of other varieties. But the donors of the post-Buddhist period do not seem to have used the expression on such a strictly differentiating principle. It is used

(a) where only cultivable fields are granted, e.g., the Insc. of Dharaśena⁶⁹, the Insc. of Jayabhaṭ⁷⁰.

⁶⁰ *bhūmiśchidram kṛiṣyayogyā* (see *Vaijayantī*, edited by G. Oppert, page 124). This expression seems to stand in contrast to *kṣetramurvarā sarvaśasyabhūh in : kedārah kedarah kṣetramurvarā sarvaśasyabhūh bhūmiśchidram kṛiṣyayogyā prahatam nālamutthitam khilam tvaṇprahatam sthānamūsavatyūśarerināu*.

⁶¹ *Gupta Inscriptions*, page 138, foot-note 2.

⁶² *Gauḍalekhamālā*, 134-135.

⁶³ *rājño bhūmicchedam kurvataḥ* in the Insc. of Pravarsena (*Prac. Lek.* II, 62; *I.A.* XII, 243); cf. *bhūśchedakṛitya* of the Insc. of Indravarmān (*Prac. Lek.* III, 101).

⁶⁴ Yājñavalkya: *rājadharmaprakaraṇam*, 329: *pratiḡraha-parimānam dānacchedopavarṇanam srahas-takūḷasampannam śāsanam kārayet sthīram. Mitākṣarā . . . diyata itī dānam kṣetrādī tasyacchedaḥ chidyat-neneti chedaḥ nadyāvātau nivatṭanam tatparimānam ca tasyopavarṇanam, amuka nadyā dakṣiṇato'yaṃ grāmah-kṣetram vā, purvāgato'mukagṛmasyaitādvanni-varttanamityadinivartanaparimānam ca lekhyam.* But Aparārka (Ānandāsrama edition) gives a different meaning to *dānaccheda*. According to him *diyata itī dānabhūmīrnavandhaśca, tasya cchedaḥ apahārah* etc. (page 579).

⁶⁵ line 9, *dakṣiṇena valavarmaparicchedaḥ* (*Gupta Inscriptions*, 103).

⁶⁶ line 6 (*Gupta Inscriptions*, 107): the village named *Vālugarta*, in accordance with the usage of the specification of (its) ancient boundaries.

⁶⁷ Sāstri's revised edition, page 49.

⁶⁸ *Arthasāstra*, 45. But this chapter also treats of forest-lands and refers to "Brahmadeya" land.

⁶⁹ *Prac. Lek.* I, 124; *I.A.*, XV, 335; *Prac. Lek.* II, 174.

⁷⁰ *Ibid.*, II, 40; *I.A.*, XIII, 77.

(b) where water-reservoirs (*vāpī*) with lands are granted, *e.g.*, the Insc. of Śilāditya⁶⁷, the Insc. of Dharasena⁶⁸, the Insc. of Śilāditya⁶⁹, etc.

(c) In Insc. which record grants of villages without specifying the nature of the land alienated, *e.g.*, Insc. of Dhruvarāja⁷⁰, Insc. of Karkarāja⁷¹, Insc. of Dadda⁷², Insc. of Sri-Harṣa⁷³, Insc. of Dhruvasena⁷⁴, the Insc. of Govindaraja⁷⁵ etc. In some of these inscriptions the expression *kriṣṭaḥ kar ayataḥ* occurs, which shows that these villages also included cultivable fields.

(d) In Inscriptions which specify the nature of the land alienated, *e.g.*, the Khālimpur Insc., the Mongyr Copper Plate Insc.⁷⁶, the Bhāgalpur Cop. Pl. Insc.⁷⁷, the Bāgaḍ Insc.⁷⁸, the Monholi Insc.⁷⁹

It should also be noted that the expression is not used in many inscriptions which record one or other kinds of grants mentioned above.

It thus follows from the above that the expression *bhūmicchidraṇyāya* is loosely used in the inscriptions between 400 A. D. and 1200 A. D. In earlier times the expression seems to have involved a special meaning, namely, "concerning lands other than the habitat with cultivable tracts," but in course of time its import must have undergone a change; and it might have been, as well, used as an "inscriptional cant," having no particular meaning. With these reservations the expression may be thus translated: "according to the custom or rule pertaining to (i) alienation of, or (ii) settlement of boundaries of, land in general (usually, other than the habitat)."

As to "the custom or rule" we should bear in mind the injunctions of the Dharmaśāstras relating to donation of lands to Brahmans, as well as, the injunction of Kauṭilya relating to organisation of uncultivable tracts. As to "settlement" of boundaries of land we should remember that it was not easy to define the limits of villages where such natural objects as rivers, pools, etc., were wanting. According to the Dharmaśāstras these were to be fixed by trees, shrubs, bamboos, tanks, wells, stones and bones in places where there was no river or any such clearly defined limit⁸⁰. It is highly interesting to note that the boundaries of villages of the inscriptions were exactly like those described in the Dharmaśāstras. We may take some examples: in the Insc. of Yādava king Seunachandra,⁸¹ a *vaṭa* tree and a water-reservoir⁸² form boundary marks. In the Insc. of Viṣṇugopavarman stones serve the same purpose⁸³. In some cases the lands of one village are described as the boundaries of another⁸⁴. Such being the character of boundary-marks it is but natural that disputes concerning them should not

⁶⁷ *Prac. Lek.* III, 38 : *Ep. Ind.*, V, 76.

⁶⁸ *Ibid.* II, 236 : *I.A.*, XIV, 229.

⁷¹ *Ibid.* I, 21 : *I.A.*, XII, 158.

⁷³ *Ibid.* II, 76.

⁷⁵ *Ibid.* III, 123 : *Ep. Ind.*, III, 54

⁷⁷ *Ibid.* 61.

⁷⁹ *Ibid.* 153.

⁸¹ *Prāchīna Lekhamālā* II, 14.

⁸² Cf. *Manu*, VIII, 246, 247 : *śīmāvikrāśca kurvita nyagrodhāśvattha kiṃśukān śālmaliṇchālatālāśca kṣīriṇaścaiva pādapāḥ gulmān vṇuśca vividhān śamivallisthālāni ca śarān kubj akagulmāśca tathā śīmā na naśyati.*

⁸³ Cf. *Manu*, VIII, 250 : *śmānasthāni gobhīṇstusān bhasmakapālikāḥ Karīṣamīṣṭakāṅgār īcharkarā pālukāstathā.*

⁸⁴ *Prac. Lek.* II, 40.

⁶⁹ *Ibid.* III, 174 : *I.A.*, VII, 69.

⁷⁰ *Ibid.* I, 15 : *I.A.*, XII, 181.

⁷² *Ibid.* II, 46 : *I.A.*, XII, 88.

⁷⁴ *Ibid.* II, 84.

⁷⁶ *Gauḍalekhamālā*, 39.

⁷⁸ *Ibid.* 97.

⁸⁰ *Manu*, VIII, 246-251.

only be alluded to in Manu⁸⁵ and Yājñavalkya⁸⁶, but also in an inscription⁸⁷. It is thus that the Hindu codes of law lay down elaborate rules for settlement of disputes concerning boundaries of villages⁸⁸. The term *bhūmicchidranyāya* might refer to these laws and particularly to Manu, VIII, 255, where the king is enjoined to put down in black and white the boundary limits settled in the presence of witnesses.⁸⁹ In the inscriptions all the assembled officials are the witnesses as well as the inhabitants of the villages concerned. The expression *matam-astu bhavatām* or *astu vah samviditam* signifies consent to the settlement.

Bhūmicchidranyāyena may also be rendered into : "according to the laws or customs pertaining to villages including the cultivable areas as well as other kinds of land, namely, uncultivable tracts" (*bhūmi* meaning village and cultivable tracts, and *chidra* uncultivable areas).

MISCELLANEA.

ORIGIN OF THE SWELLING DOME.

SIR,

As you were kind enough to publish my memoir on *The History and Evolution of the Dome in Persia* in the *Indian Antiquary* in 1915 (Vol. XLIV, pp. 133 f.), may I be granted some of your valuable space to answer an objection to one of the theories put forth therein, an objection which has been raised by Mr. Havell in his *Handbook of Indian Art*.

As your readers may remember, I derived the double slightly swelling Persian dome from the wooden dome of the Great Mosque at Damascus, a dome probably built in the 12th century A.D. (not in the 8th as Mr. Havell says). The double dome first appears after this in two buildings erected at Samarkand by Timūr on his return from the sack of Damascus in 1401, viz., the mausoleum of his wife Bibi Khānūm and his own mausoleum known as the Gūr Amīr. This type of dome is next seen in the mosque built at Meshed by Gauhar Shād, the wife of Shāh Rukh, in 1418, in the Blue Mosque built by her nephew Jāhān Shāh at Tabriz between 1437 and 1468, and in the Musalla at Herat, built between 1487-1506. This type of dome is not known in India until the second half of the 16th century, and it is not accompanied by an inverted lotus finial until a century later. If Mr. Havell's theory of its Indian origin is to be accepted, will he explain (a) how it is that early Muḥammadan domes in India, although so many have survived, and although built, according to him, in the true country of the double dome, and by Indian masons, are never found constructed in this way; (b) how it is that they are found in Persia and Central Asia, one and a half centuries earlier than in India; (c) how

it is that they never bear the mark of their supposed Indian origin in the form of an inverted lotus finial; and (d) if the inverted lotus finial is not a very late invention, as I believe, why is it never found on Indian domes until the middle of the sixteenth century?

I will now refer to the carvings alleged by Mr. Havell to represent domes. The stupa is admitted by Mr. Havell to have been a solid dome-shaped mound and not a structural dome. We have a good example at Sānchi of an ancient stupa, the oldest in India, with its encircling palisade and gates. At Kārlē (1st century B.C.), Bēdsā, and Bhājā (his plates IXa, Ia and Ib respectively) we have the next stage, a model of a stupa in which the encircling palisade has been, so to speak, shrunk on to the stupa itself by artistic licence, for the sake of compactness. Mr. Havell himself says, when speaking of the model at Bhājā—"here the rail enclosing the processional path is only carved as an ornamental band" (p. 22). In these models the stupa is placed on a high cylindrical drum. But there is a third and later stage—the model stupas in stupa houses No. 19 (2nd–5th century) and No. 26 (7th century or later) at Ajāntā. In these the Buddha is represented as standing in the gateway of the palisade and in front of the stupa. Mr. Havell would have it that the Buddha is meant to be under the dome of the stupa, although hitherto this has always been a solid structure and not a structural dome. My interpretation, however, receives decisive support from an examination of the model stupa in stupa house No. XXVI, where the gateway and the Buddha are clearly in front of the stupa (Mr. Havell's plate XIb). Incidentally I would call attention to the fact that neither of these supposed domes have the inverted lotus finial.

⁸⁵ Manu, VIII, 249 : *upacchannāni cānyāni śimālingāni kārayet śimājñāne nṛiṇām viksya nityam loke vīpariyayam.*

⁸⁶ II, 153 : *śimno vivāde kṣetrasya śamantāḥ sthāviraḍḍayaḥ gopā śimākrīṣṭāṇā ye sarve ca vanagocarāḥ.*

⁸⁷ Kamauli inscription, line 59, (*vivādabhūmervātyardham*).

⁸⁸ Manu, VIII, 245-265; Yājñavalkya, II, 153-161; *Arthaśāstra*, 168.

⁸⁹ *te priṣṭāstu yathā brūyuh samastāḥ śimni nīcayam nibadhnīyāttathā śimām sarvāḥ śimāḥ caiva nāmataḥ.* Says Kullūka : *te priṣṭāḥ sāksīṇaḥ samastā na dvaidhena śimāvisaye yena prakāreṇa nīcītam brūyuh tena prakāreṇa vismaranārtham patre śimām likhet tām ca sarvāneva sāksīno nāmavibhāgato likhet.*

Again, if these carvings really represent wooden domes, and if other wooden domes were copied by Timūr, is it not at least strange that none have ever been found in India, although many wooden domes have managed to survive for centuries elsewhere, *e.g.*, Dome of the Rock and Mosque of al-Aqsa, Jerusalem; dome of Meyda in Madrasa of Sultan Hasan, Cairo, dated "year 764" (1362-3 A.D.), dome of Mausoleum of Imām ash-Shāf'ey, Cairo, end of 15th century, dome of Convent Tomb of Sheykhū, Cairo, probably 1695H. (1684); small wooden dome in Coptic Museum, Cairo; etc. In addition to this we have accounts of many other wooden domes which have not survived, *e.g.*, the Marneion of Gaza, 2nd century; the wooden dome which replaced the stone dome of Constantine's Octagon at Antioch after the damage caused by the great earthquake of 526; Church of the Holy Sepulchre, Jerusalem, at restoration after the ruin caused by the Persians in 614; Church of the Ascension, 7th century; wooden dome placed by Hārūn ar-Rashid over Mausoleum of Imām Rezā at Meshed, 8th century; wooden dome in Palace at Baghdād, 8th century; wooden dome placed by Ibn Tūlūn on the summit of the Pharos; wooden dome over marble basin in his mosque, 876-879 A.D., burnt in 376 (986); wooden dome of Shrine of Husseyn at Kerbela, probably due to 'Aḡud ad-Dawlih in 368 (979), burnt in 407 (1016); first dome of Mausoleum of Imām ash-Shāf'ey at Cairo, 1211 A.D.; Mosque of Bibar-

I, at Cairo, 1266-1269 A.D.; Madrasa of an-Nāṣir Muhammad, 1303 (lasted till 1870), and his mosque in the Citadel of Cairo, 1318, fell 1463; also the dome of his Palace in the Citadel, fell in 1522.

Against all these wooden domes we have for India.—*nil*! I must now say a word about the technical aspect. Mr. Havell speaks of the radiating tie-bars used in the case of bulbous domes of brick and stone, and suggests a symbolic connection between his system and the *chakra* or Wheel of the Law. I would emphasize the fact that none of the wooden domes in existence to-day have this device, for the simple reason that in wooden construction the tensile strength of the outer rim of the dome itself suffices to hold the whole together. All the domes named above as still standing are slightly bulbous (with one exception), yet they have clear interiors, and if Mr. Havell's supposed little bamboo domes ever existed in India, no doubt their interiors were clear also, as there could be no possible *raison d'être* for radiating tie-bars. Tie-bars only become necessary when a bulbous dome is constructed in brick or stone. This was first done at Samarkand, and it is there that these radiating tie-bars first make their appearance. But, be it specially noted, they are not set in one plane like the spokes of a wheel, but on the contrary radiate in all directions to hold the brick shell together.

Yours faithfully,

K. A. C. CRESWELL.

BOOK-NOTICE.

AN ARABIC HISTORY OF GUJARAT, by 'ABDULLAH MUHAMMAD BIN 'OMAR AL MAKKI AL ASAF ULUGH-KHANI. Ed. by SIR E. DENISON ROSS. Vol. II. London, John Murray, 1921.

The second volume of this valuable publication brings the History of Gujarat from the murder of Mahmūd Shāh III in 1537 to the conquest of the country by Akbar in 1572, which completes Daftar I of the original. Daftar II gives a general history of Muhammadan rule in Northern India down to 1558, and of this, half is given in the volume. The Editor has an elaborate and valuable introduction about the author and his ways. The date of the work he fixes as probably 1607, and he explains the author's confused method of relating contemporary or recent history, largely brought about by his referring to leading men by their titles only, notwithstanding the well known Muhammadan custom of giving the same title to several notables of the same period. We have, however, no reason to complain of this method, not by any means confined to the work of this particular author, because it has induced Sir Denison Ross to identify 26 of these title-holders, for which work of no small labour all who are familiar with the trouble awaiting those diving into Muhammadan history will be

duly grateful to him. The author was twice in Mekka and we have some entertaining notes on happenings there from the Editor, one of which shows that the whole world is kin after all: "This last book I lent to Shaykh 'Abdul-Fattāh, but he has never returned it." When we consider that in those days books were all treasured well—this one was "in the writing of my father's aunt, with a commentary in various hands"—one can perceive what such a statement meant. Further notes are given on the identification of Husām Khan with the author of the *Ta'rikh-i-Bahadur-shāhi*, on the Gujarat Waqfs for Mekka and Medina under Akbar, and on the settlement of foreigners in Gujarat. In the course of this last it is stated that foreigners were not numerous until the conquest of the country in 1297 by 'Alā-ud-Dīn Khilji, which is noteworthy. The introduction ends with an important and informing note on the Habshis of India, who were clearly *mamlūks* of the well-known Turkish and Mediterranean European type and came into existence in much the same way, though the clan has now degenerated into the familiar "Seedee Boy."

R. C. TEMPLE

A PROVISIONAL BIBLIOGRAPHY OF THE MUHAMMADAN ARCHITECTURE OF INDIA.

BY K. A. C. CRESWELL, M.R.A.S., HON. A.R.I.B.A.

THE following bibliography forms one section of a *Bibliography of the Architecture, Arts and Crafts of Islam*, the completion of which was stopped by the war. In its present state it comprises about 4,500 different entries under "AUTHORS," and about 6,500 under "SUBJECTS." It is not possible to publish it now in the form of a book, but thinking that some of the sections, although unfinished, may nevertheless be useful to students, I am endeavouring to publish them as opportunity offers. I hope to publish other sections in the near future. I may add that I have personally seen and examined every item in the following list, either in the libraries of the British Museum, the India Office, the Royal Asiatic Society, or elsewhere. I shall be extremely grateful to those readers who are kind enough to notify me of omissions.

GUIDE BOOKS.

BAEDEKER, KARL. *Indien, Handbuch für Reisende. Mit 22 Karten, 33 Plänen und 8 Grundrissen.* 8vo., pp. lxxiv and 358.

Baedeker, Leipzig, 1914

No English edition.

BEG, M. A. *Hand Book of the Lucknow sight, especially intended for visitors to Lucknow.* 12mo., pp. 28, with large folding plan.

Royal Printing Press, Lucknow, [1891]

——— *The Hand Book of the Sights of Lucknow, Benares, Allahabad, Cawnpore, Agra, Ajmere & Delhi. Containing popular places and buildings worthy of a visit, with historical notes on Mutiny of 1857. Intended for Visitors and Tourists. Second edition, revised and enlarged.* 8vo., pp. [iv] and 46.

Royal Printing Press, Lucknow, 1891

BUCKLAND, C. E. *A Handbook for Travellers in India, Burma and Ceylon. Including the provinces of Bengal, Bombay, Madras, the United Provinces of Agra and Oudh, the Punjab, Bihar and Orissa, Assam, the North-Western Frontier Province, Baluchistan, and the Central Provinces; and the Native States of Rajputana, Central India, Kashmir, Hyderabad, Mysore, etc.* Ninth edition, with seventy-nine maps and plans. 8vo., pp. clxviii and 664.

Murray, London, 1913

EASTWICK, E. B. *Handbook of the Madras Presidency. With a notice of the overland route to India. Second edition. With maps and plans.* 8vo., xx and 415.

Murray, London, 1879

One of Murray's Handbooks.

Kulbarga, Haidarâbâd, Bidâr, etc.

——— *Handbook of the Bombay Presidency. With an account of Bombay City. Second edition. Most carefully revised on the spot, and for the most part rewritten. With maps and plans.* 8vo., pp. viii and 405.

Murray, London, 1881

One of Murray's Handbooks.

——— *Handbook of the Bengal Presidency. With an account of Calcutta city. With maps and plans.* 8vo., pp. viii and 396.

Murray, London, 1882

One of Murray's Handbooks.

——— *Handbook of the Punjab. Western Rajpûtânâ, Kashmir, and Upper Sindh. With a map.* 8vo., pp. xii and 334.

Murray, London, 1883

One of Murray's Handbooks.

KEENE. *Keene's Handbook for Visitors Allahabad, Cawnpore and Lucknow. Second edition, revised, to which is added a chapter on Benares.* 12mo., pp. viii and 97, with 5 maps.

Thacker, Spink and Co., Calcutta, 1896

NEVE, ARTHUR. *The Tourist's Guide to Kashmir, Ladakh, Skardo, &c.* Ninth edition. Sm. 8vo., pp. xi, xi and 225, with 5 maps. "Civil and Military Gazette" Press. Lahore. 1913

Previous editions : 1899 (4th), 1902 (5th), 1905 (6th), and 1910 (8th).

PARKER, REV. ARTHUR. *A Handbook of Benares, with a map and views of the city and neighbourhood.* Sm. 8vo., pp. iii and 88, with 4 plates and folding map.

Lazarus, Benares, 1895

Four mosques.

REYNOLDS-BALL, EUSTACE. *The Tourists India.* With twenty-eight full-page illustrations and new map of "Tourist India." 8vo., pp. xii and 364.

Sonnenschein, London, 1907

CONSERVATION.

ANON. *The Restoration of Indian Buildings.* *The Architect*, Vol. XIV, p. 204. 1875

A letter to the *Standard*.

CECIL, GEORGE. *Vandalism in India: Letter Concerning the Preservation of Objects of Interest.* *Magazine of Fine Arts*, Vol. I, p. 55. 1905

Chiefly at Delhi and Lahore.

CURZON OF KEDLESTON, BARON. *Ancient Monuments in India.* *Proceedings of the Asiatic Society of Bengal*, pp. 56-65. 1900

On the vandalism of the past, and his firm resolve to inaugurate a new era in this respect.

RIVETT-CARNAC, H. *Administrative Rules for the Protection of Antiquarian Remains in India.* Memorandum. 8vo., pp. 8. [1879]

Read before the Asiatic Society of Bengal.

"The subject was referred to the Government of India by the Asiatic Society of Bengal, and subsequently a Conservator of Archaeological remains was appointed," (p. 8, note).

ARCHAEOLOGICAL SURVEY OF INDIA: HISTORY OF.

MARKHAM, CLEMENTS R. *A Memoir on the Indian Surveys.* Printed by order of Her Majesty's Secretary of State for India in Council. Large 8vo., pp. xxv and 303, with 4 folding maps. Allen, London, 1871

MARKHAM, CLEMENTS. *A Memoir on the Indian Surveys.* Printed by order of Her Majesty's Secretary of State for India in Council. (Second edition). 4to., pp. xxix and 481, with 5 folding maps. Allen, London, 1878

Chap. XV.—*The Archaeological Survey of India*, pp. 236-274 (or 1st ed., pp. 170-203).

GIBBS, JAMES, C.S.I., C.I.E. *The History of Archaeology in India.* *Journal of the Society of Arts*. Vol. XXXIV, pp. 555-668, with 1 plate, (to face p. 629). 1886

See also Black (C. E. D.).

BLACK, CHARLES, E. D. *A Memoir on the Indian Surveys, 1875-1890.* Large 8vo., pp. vi and 412, with 1 coloured plate and 1 folding map.

Arnold : Constable : etc., London, 1891

Indian Archaeological Surveys, pp. 320-372. In continuation of Markham's account—see Preface, p. v.

M., A. H. H. *The Preservation of Indian monuments.* *The Athenaeum*, No. 3385, Sept. 10, pp. 360-61. 1892

Suggesting the formation of a society similar to the *Comité de Conservation des Monuments de l'Art arabe, Cairo*, for the care and cataloguing of Indian monuments.

C., J. S. *The Archaeological Survey of India.* *Academy*, Vol. XLV, p. 521. 1894

A propos of the death of Sir Alexander Cunningham.

[MEMORIAL from the Royal Institute of British Architects to the Earl of Kimberley (Secretary of State for India) regarding the present condition of historical monuments, and Reply.] *Jour. of the Roy. Inst. of Brit. Architects*, Vol. I, Third Series, pp. 449-450. 1894

[MEMORIAL from the Royal Institute of British Architects to Lord George Hamilton (Secretary of State); on the Archaeological Survey of India, and Acknowledgment.] *Journ. of the Roy. Inst. of Brit. Architects*, Vol. III, Third Series, pp. 392-393. 1896.

ROUFFAER, G. P. DE "Archaeological Survey" in British-Indië. *Tijdschrift voor Indische taal-, land- en volkenkunde*, deel XLIV, pp. 373-386. 1901

BURGESS, JAMES, C.I.E. Sketch of Archæological Research in India during Half a Century. *Journ., Bombay Branch, Royal Asiatic Society*. Centenary Memorial Volume, pp. 131-148. 1905

ARCHÆOLOGICAL SURVEY OF INDIA. [Protests against the proposed abolition of the Central Department, quoted from "The Times."] *Journ. of the Roy. Inst. of Brit. Architects*, Vol. XVIII, Third Series, pp. 774-6. 1911

MARSHALL, SIR JOHN. Note on Archæology. *Bombay Government Gazette*, Nov. 4, pp. 2678-2688. 1915

An account of the Department, as at present constituted, and its work during the last five years or so.

ARCHÆOLOGICAL SURVEY : EARLY REPORTS.

CUNNINGHAM, MAJ.-GENL. A. Report of the Proceedings of the Archæological Surveyor to the Government of India for the Season of 1862-63. 4to., pp. 50, with 3 plates (2 plans of Old Delhi). No title page. [1864]

This Report is entirely devoted to Delhi.

Reprinted, minus the plates, in the *Journ. Asiatic Society of Bengal*, Vol. XXXIII, Supplementary Number, pp. i-lxxxvii. 1864

Reprinted in Vol. I of the *Archæological Survey*, [q. v.], pp. 131-231, with 4 plates. 1871

Continuation of Report of the Proceedings of the Archæological Surveyor to the Government of India for the Season of 1862-63. 4to., pp. 50. No title page. [1865]

Mosque at Mathura, pp. 2-3. Muhammadan buildings at Kanauj, pp. 21-23.

Reprinted in the *Journ. Asiatic Society of Bengal*, Vol. XXXIV, pp. 159-278. 1865.

Reprinted in Vol. I of the *Archæological Survey* [q. v.], pp. 231-339, with several plates. 1871

Report of the Archæological Surveyor to the Government of India, for the Season 1863-64. 4to., pp. 94, with 3 plates. No title page. [1865]

Muhammadan buildings at Sarhind, pp. 81-84; at Thânesar, pp. 87-88.

Reprinted in Vol. II of the *Archæological Survey*, [q. v.], pp. 1-239, with 21 plates. 1871

CUNNINGHAM, MAJ.-GENL. A. Report of the Proceedings of the Archæological Surveyor to the Government of India for the Season of 1864-65. 4to., pp. 88, with 3 plates (2 coloured). No title page. [1866]

Muhammadan buildings at Ajmir, pp. 8-9; at Ranod or Narod, pp. 26-27; at Gwalior, pp. 37-38, 44 and 51; at Mahoba or Mahotsava, p. 81.

Reprinted in Vol. II of the *Archæological Survey*, [q. v.], pp. 241-459, with 27 plates. 1871

ARCHÆOLOGICAL SURVEY REPORTS: OLD SERIES.

CUNNINGHAM, MAJ.-GENL. ALEXANDER. Four Reports made during the years 1862-63-64-65. 8vo., 2 vols., pp. vii, xliii, 359 and xlix, with 51 plates; v, 459 and liii, with 48 plates.

Government Central Press, Simla, 1871

Archæological Survey of India, Vols. I and II. Delhi, Vol. I, pp. 131-231, and plates xxxv-xxxviii; mosque at Mathura, pp. 236-237; Muhammadan buildings at Kanauj, pp. 286-290, with map; at Sarhind, Vol. II, pp. 205-212; at Thânesar, pp. 222-223; at Ajmir, pp. 258-263, with 2 plates; at Ranod or Narod, pp. 306-307; at Gwalior, pp. 334-335, 351, 369-370, with 1 plate; at Mahoba or Mahotsava, p. 415.

Report for the year 1871-72. 8vo., pp. xiii, 164 and v, with 47 plates.

Supdt., Govt. Printing, Calcutta, 1873

Archæological Survey of India, Vol. III.

On the classification of Muhammadan Architecture in India, pp. 7-13; reference to work at Gaur and Pandwa, p. 164.

BEGLAR AND CARLLEYLE. Report for the year 1871-72. Delhi, by J. D. Beglar, Assistant. Agra, by A. C. L. Carlleyle, Assistant. Under the superintendence of Major-General A. Cunningham, C.S.I. 8vo., pp. xvii and 265, with 18 plates.

Supdt., Govt. Printing, Calcutta, 1874
Archæological Survey of India, Vol. IV.

CUNNINGHAM, MAJ.-GENL. ALEXANDER. Report for the year 1872-73. 8vo., pp. viii and 205, with 50 plates (1 coloured).

Supdt., Govt. Printing, Calcutta, 1875

Archaeological Survey of India, Vol. V.

Harapa, reference to 'Idgâh, p. 106; Dipâlpûr, mosque of Firûz Shâh, p. 111; Multân, plan, plate XXXVI, reference to destruction of Jâmi' Masjid in 1848, p. 119; discovery of glazed tiles at a depth of 10-12 feet, p. 128; tombs pp. 130-131; Mausoleum of Bahâwal Haq, pp. 131-132, and plate XXXIX (tile mosaics); tomb of Rukn-ud-Din, pp. 132-134, and plates XXXVIII (plan and section) and XXXIX (tile mosaics); tomb of Shams-i-Tabriz, pp. 119 and 134-135; Kot Kângra, gates attributed to Nawâb Alif Khân, Governor under Jahângîr, p. 163.

CARLLEYLE, A. C. L. Report of a Tour in Eastern Rajputana in 1871-72 and 1872-73. Under the Superintendence of Major-General A. Cunningham. 8vo., pp. iv and 256, with 24 plates.

Supdt., Govt. Printing, Calcutta, 1878

Archaeological Survey of India, Vol. VI.

Baîâna or Bâñsur, Ukha Mandar, converted into a mosque, with considerable alterations, pp. 50-51 and plates IV and V; unfinished *minâr*, p. 51; Santipûr, very curious *minâr* dated A. H. 851 (1456), p. 56 and plate VII, also pp. 65-69; Sikandra, gateway, p. 75; Mangâna-ka Bâra, fort, p. 90; Shiv-Dungar, remains of small mosque, p. 123; Thoda, slab referring to the erection of a building, A. H. 1046 (1636).

BEGLAR, J. D. Report of a Tour in Bundelkhand and Malwa, 1871-72; and in the Central Provinces, 1873-74. Under the superintendence of Major-General A. Cunningham, C.S.I., C.I.E. 8vo., pp. vii and 252, with folding map and 21 plates.

Supdt., Govt. Printing, Calcutta, 1878

Archaeological Survey of India, Vol. VII.

Ballabgarh, Palwal, Hodal, Dotânâh, Kotwan and Chôtah, all near Delhi, pp. 1-3; Nowadah, late palace, p. 12; Mahoba, pp. 25-26; Maû, 2 mausoleums, p. 27; Kulpahâr, mausoleum, p. 28; Irich, interesting mosque, etc., pp. 32-35 and plate IV; Sirswâgarh, remains of mosque, p. 37; Kunch, p. 39; Ajaygarh, dargah altered by Hindus, pp. 48-49; Garhâkotâ, very tall minâr, pp. 59-60; Râhatgarh, mausoleums, pp. 60-61; Pathârî, ruins, p. 66; Udaypûr, walls and gates, p. 81, and mosque, p. 85 and plate VI; Sipri,

(9 miles from,) hall known as Chaunsath Khamba, p. 94. Also short references to Charkheri, modern mosque, p. 23; Mahiyar, p. 51; Teonda, p. 63; Râmtek, mosque, p. 110, and Wairâgarh, 'Idgâh, p. 129.

BEGLAR, J. D. Report on a Tour through the Bengal Provinces of Patna, Gaya, Mongir, and Bhagalpur; the Santal Parganas, Manbhum, Singbhum, and Birbhum; Bankura, Raniganj, Bardwan and Hughli; in 1872-73. Under the superintendence of Major-General A. Cunningham, C.S.I., C.I.E. 8vo., pp. xxi and 213, with 22 plates.

Supdt., Govt. Printing, Calcutta, 1878

Archaeological Survey of India, Vol. VIII.

Patna, 3 mosques, pp. 28-32, and 34; Tillâra, mosque, dargâh, etc., pp. 34-35; Jâru, mosque ascribed to Shîr Shâh, pp. 44-45; Mirâpur Nâdera, dargâh and mosque, p. 45; Hasanpûr Kâko, dargâh, pp. 64-65; Silâo, early mosque, pp. 83-84; Sitamarhi, early mausoleum, p. 107; Pârvati, dargâh, pp. 110-111; Shaikhpura, dargâh, p. 116. Also short references to Dharâwat, dargâh, p. 39; Bhimgarh, dargâh, p. 150; Hugli and Jaunpûr, p. 206.

CUNNINGHAM, MAJ.-GENL. ALEXANDER, C.S.I., C.I.E. Report of a Tour in the Central Provinces in 1873-74 and 1874-75. 8vo., pp. ix and 165, with 30 plates.

Supdt., Govt. Printing, Calcutta, 1879

Archaeological Survey of India, Vol. IX.

Burhânpûr, Bibi Masjid and Jâmi' Masjid, pp. 115-118 and plates XVII and XVIII; Asirgarh, p. 129.

Report of Tours in Bundelkhand and Malwa in 1874-75 and 1876-77. 8vo., pp. viii and 132, with 36 plates.

Supdt., Govt. Printing, Calcutta, 1880

Archaeological Survey of India, Vol. X.

Garh-pahra, Kâñch-mahâl, pp. 29-30; Râhatgarh, fort, p. 30; Bhilsa, 'Alamgirî Masjid, p. 35.

Report of Tours in the Gangetic Provinces from Badaon to Bihar, in 1875-76 and 1877-78. 8vo., pp. viii and 197, with 44 plates.

Supdt., Govt. Printing, Calcutta, 1880

Archaeological Survey of India, Vol. XI.

Badâôn, 'Idgâh and Jâmi' Masjid of Iltutmish, 8 mausoleums dated A. H. 860 (1456)—A. H. 957 (1550), some later ones and mosque of Aurangzîb, A. H. 1071 (1660), pp. 1-11 and plates II-IV; Newâl, 2 mausoleums, one dated A. H. 784 (1382-3),

p. 49; Pâtan Bihâr, mausoleum and 'Idgâh, p. 55; Dalmau, mosque of Shâh Jahân's time, and tomb, probably of Muḥammad Shâh Sharqî, pp. 59-60; Jaunpûr, pp. 102-126 and plates XXXI-XXXVII; Sahsaram, mausoleums (5) of Shîr Shâh and his family, pp. 132-139 and plate XXXIX; Hilsa, mausoleum of Jaman Madârî, A.H. 950 (1543-4), p. 164; Telâra, mosque and dargâh (with inscription A.H. 951), pp. 168-169.

CARLLEYLE, A. C. L. Report of Tours in the Central Doab and Gorakhpur in 1874-75 and 1875-76. Under the superintendence of Major-General A. Cunningham, C.S.I., C.I.E. 8vo., pp. viii and 230, with 14 plates.

Supdt., Govt. Printing, Calcutta, 1879

Archaeological Survey of India, Vol. XII.

Jalâlî, some interesting early mosques and mausoleums, pp. 13-14; Sambhal, Jâmi' Masjid with inscription of Bâbur, by *abjad* A.H. 933 (1526-7), pp. 24-27 and plates III and IV.

BEGLAR, J. D. Report of Tours in the South-Eastern Provinces in 1874-75 and 1875-76. Under the superintendence of Major-General A. Cunningham, C.S.I., C.I.E. 8vo., pp. [iv] and 165, with 20 plates.

Supdt., Govt. Printing, Calcutta, 1882

Archaeological Survey of India, Vol. XIII.

Makundpûr (near to), dargâhs, p. 3; Râmgarh, gateway in Fort, p. 34; Chandarpûr, Muhammadan ruins, p. 145; Kosgain, tower and gateway in walls, p. 155.

CUNNINGHAM, MAJOR-GENERAL ALEXANDER. Report of a Tour in the Punjab in 1878-79. 8vo., pp. viii and 155, with 31 plates.

Supdt., Govt. Printing, Calcutta, 1882

Archaeological Survey of India, Vol. XIV.

Vân Bachrân, *baoli* of Akbar, with 2 minârs and small mosque, pp. 32-33; Ehera, Shîr Shâh's mosque and shrine of Pîr Kayanâth, pp. 39-40; Sohara, reference to minâr described by Abul Fazl (which fell in 1864), pp. 43-44; Ransi, shrine of Shâh Abdâl, p. 48; Sultânpûr, Bâdshâhî Sarai and two bridges, pp. 56-57 and plate XIX; Nakodar, two fine tile-faced tombs, dated A.H. 1021 (1612) and A.H. 1069 (1657), pp. 59-62 and plate XX; Nûrmahab, Bâdshâhî Sarai, A.H. 1028-30, pp. 62-65 and plate XXI; Panjor, mosque, p. 71; Sadhora, Pathariya masjid, Patharwâla masjid (very neat and well proportioned), Jâmi' Masjid (tile-faced), private dwelling (tile-faced) dated A.H. 1029 (1619-20), Kâzion-kâ Masjid, with inscription dated A.H. 1051 (1644-5), brick mosque (tile-faced), with inscription dated A. H. 1080 (1669)

and tomb of Sayyid Shâh 'Abdul Walihâb A.H. 1137 (1724-5), pp. 73-75 and plate XXIII.

CUNNINGHAM, MAJOR-GENERAL ALEXANDER. Report of a Tour in Bihar and Bengal in 1879-80, from Patna to Sunargaon. 8vo., pp. viii and 186, with 35 plates

Supdt., Govt. Printing, Calcutta, 1882

Archaeological Survey of India, Vol. XV.

Pârbati, dargâh of Hindu materials, p. 9; Gaur a long account with plans supplementary to Ravenshaw's *Gaur*, [q.v.], which does not contain any, pp. iv-v, 39-76 and plates XIII-XXIII; Maldah, Jâmi' Masjid, dated A.H. 1004 (1595-6), seven inscriptions referring to the building of mosques, etc. dated from A.H. 859 (1455) to 938 (1531), and remains of minâr, 60 feet high, pp. 77-79; Hazrat Pandua, (supplementary to Ravenshaw's *Gaur*), with plans etc., pp. 79-94 and plates XXIV-XXVI; Devthala, shrine of Jalâl Shâh and small mosque, pp. 94-95; Devikot, shrine of Sultân Shâh in Citadel, shrine of Shâh Bukhâri, and shrine of Maulânâ 'Atâ, with four inscriptions, dated A.H. 697 (1297) to A.H. 918 (1512), pp. 95-100 and plate XXVIII; Mustangarh (Mahâsthan), shrine of Shâh Sultân and of Mahi-sawâr, pp. 105-108 and plate XXX; Ghât-nagar, tomb, p. 122; [Chhota] Pandwa, mosque built A.H. 882 (1477-8), tomb of Shâh Safi-ud-Dîn, minâr 125 feet high and a second mosque, pp. 123-127; Dhakka, tomb of Bihî Peri (d. A. D. 1684) and small mosque, Palace of Lâl Bâgh, commenced c. 1670, pp. 127-131 and plate XXXIV; Bîkrâmpûr, mosque and tomb of Bibâ Adam, pp. 132-135; Sunargaon, ten Muhammadan buildings and dating slab, pp. 135-145 and plate XXXV.

CUNNINGHAM, MAJOR-GENERAL ALEXANDER and H. B. W. GARRICK. Report of Tours in North and South Bihar, in 1880-81. 8vo., pp. xii and 143, and 31 plates.

Supdt., Govt. Printing, Calcutta, 1883

Archaeological Survey of India, Vol. XVI.

Hâjipûr, Jâmi' Masjid, pp. 5-6; Sâgar-Dih, tomb of Ghulâm Husain Shâh, p. 20. Sita-kund, tomb, p. 24; Subhegarh, 2 domed tombs, p. 30 and plate IX; Kâko, dargah of Bibî Kamâlô, pp. 37-39 and plate X; Kauwa-dol, reference to small dargah, p. 48; Khairagarh, (?), pp. 131-132; Amarpur ruins of imposing mosque, p. 132.

CUNNINGHAM, MAJ.-GENL. ALEXANDER. Report of a Tour in the Central Provinces and Lower Gangetic Doab in 1881-82. 8vo., pp. viii and 169, with 34 plates.

Supdt., Govt. Printing, Calcutta, 1884

Archaeological Survey of India, Vol. XVII.

Arvi, tomb of Telang Rao-wali, p. 55; Karra, tomb of Kamāl Khān, pp. 93-94; Hathgaon, Jay Chandi Masjid (Hindu temple converted), pp. 97-98 and plate XXIX; Makanpūr, tomb of Shaikh Madār, ascribed to Ibrāhīm Shāh of Jaunpūr, who died A. H. 844 (1440), pp. 103-107.

GARRICK, H. B. W. Report of a Tour through Behar, Central India, Peshawar, and Yusufzai, 1881-82. Under the superintendence of Major-General A. Cunningham, C.S.I., C.I.E. 8vo., pp. vi and 140, with 22 plates.

Supdt., Govt. Printing, Calcutta, 1885

Archaeological Survey of India, Vol. XIX.

Two references only (1) to a fine mosque at Garhani, p. 21; (2) to small shrine of Pīr Ghāzi-Mir at Gūrgi, p. 89.

CUNNINGHAM, MAJ.-GENL. A. Report of a Tour in Eastern Rajputana in 1882-83. 8vo., pp. x and 165, with 38 plates.

Supdt., Govt. Printing, Calcutta, 1885

Archaeological Survey of India, Vol. XX.

Mahāban, "Assi-khamba" Mosque, pp. 42-44 and plates VII-IX; Kāman, "Chaunsath khamba" Mosque, pp. 55-57 and plate XI; Bayāna, 11 Muhammadan buildings, pp. 60-79 and plates XIII-XVII and XXXVII; Sikandara (3 miles S. of Bayāna), 3 mosques, pp. 79-81 and plate XVIII; Vijayamandargarh, Taleti Masjid, Mazina and baoli, pp. 82-88; Tahangarh, mosque dated A. H. 953 (1546), pp. 91-92 and plate XIX; Khānwā, baoli, p. 94; Kutwāl, reference to modern mosque, p. 112; Dholpūr, tomb of Bibi Zarīna, A.H. 942 or 944, and mosque A.H. 944 (1537), pp. 112-114 and plate XXXVII; Tejāra, fine tomb of 'Alā-ud-Dīn Alām Lodi, another tomb and 2 mosques, pp. 115-117 and plate XXVII; Sarhata, mosque (XVth century), pp. 118-119 and plate XXVIII; Alwar, an early massive tomb and one built A. D. 1547, p. 121; Kotila (Mewāti capital), fine mosque A. H. 803 (1400), pp. 130-132 and plates XXX and XXXI, also p. 16; Indor (6 miles N. of Kotila), tomb of Jalāl Khān, p. 134; Palah, shrine of Khwājah Mūsā, A. H. 734 (1333), p. 135; Sohna, mosque and tomb of Hazrat Shāh Najm-ul-Haq and 2 other mosques, pp. 135-137; Bhonsi, substantial mosque, pp. 137-138; additional notes on Delhi and its neighbourhood, pp. 139-160 and plates XXXI-XXXVIII.

— Reports of a Tour in Bundelkhand and Rewa in 1883-84; and of a Tour in Rewa, Bundelkhand, Malwa and Gwalior, in 1884-85. 8vo., pp. viii and 183, with 42 plates.

Supdt., Govt. Printing, Calcutta, 1885

Archaeological Survey of India, Vol. XXI.—Parts I and II.

Kālanjar Fort, parts of which are Muhammadan work, see pp. 28-31; Mahoba, mosque with inscription of Taghlaq Shāh, p. 90; Bhiuli, mosque, p. 130; Kālpī, tombs of Madār Shāhib, of Ghafūr Zinjāni, of Chol Bībi, of Bahādur Shāhid, and the great enclosure called Chaurāsi Gumbaz, or "eighty-four domes," pp. 132-133; Sultānpūr, pp. 133-134; Damoh, shrine of Gbāzi Mīān, pp. 168-169; Lalitpūr, mosque built of Hindu materials, pp. 175-176.

CARLLEYLE, A. C. L. Report of Tours in Gorakhpur, Saran, and Ghazipur in 1877-78-79 and 80. 8vo., pp. vi and 122, with 14 plates.

Supdt., Govt. Printing, Calcutta, 1885

Archaeological Survey of India, Vol. XXII.

Cherān (Sōran District), mosque of Hindu materials, with inscription, apparently of Husain Shāh (A. D. 1498-1520), p. 74; Hingtar, fort added to by Muhammadans, with ruins of a mosque, pp. 118-119.

GARRICK, H. B. W. Report of a Tour in the Panjāb and Rājputāna in 1883-84. Under the superintendence of General A. Cunningham, R.E., C.S.I., C.I.E. 8vo., pp. vi and 142, with 28 plates.

Supdt., Govt. Printing, Calcutta, 1887

Archaeological Survey of India, Vol. XXIII.

Muhammadan buildings at Fathābād, Hansi, Ajmīr, Nāgpūr, Nagor, etc.

SMITH, VINCENT ARTHUR. General Index to the Reports of The Archaeological Survey of India, Vols. I to XXIII. Published under the superintendence of Major-General Sir A. Cunningham, C.S.I., K.C.I.E., with a Glossary and General Table of Contents. Roy. 8vo., pp. xix and 216.

Supdt., Govt. Printing, Calcutta, 1887

BURGESS, J. Memorandum on the Antiquities at Dabhol, Ahmedabad, Than, Junagadh, Girnar, and Dhank. 4to., pp. 38 and xvii, with 10 plates (facsimiles of inscriptions).

Government Central Press, Bombay, 1875

Archaeological Survey of Western India, [Old Series], No. 2.

Ahmedabad, pp. 3-4; Uparkot—mosque, pp. 13-14.

BURGESS, J. Memorandum on the Remains at Gumli, Gop, and in Kachh, etc. 4to., pp. 27.

Government Central Press, Bombay, 1875
Archæological Survey of Western India, [Old Series], No. 3.

Bhadresvar—remains of a large mosque, and another, pp. 18-19; Bhuj—mosque remarkable for the thickness and closeness of its piers, p. 21; Keda—2 dargâhs, pp. 21-22.

Provisional Lists of Architectural and other Archæological Remains in Western India, including the Bombay Presidency, Sindh, Berar, Central Provinces and Haidarabad. 4to., pp. 60.

Government Central Press, Bombay, 1875
Archæological Survey of Western India, [Old Series], No. 4.

SINCLAIR, W. F., and J. BURGESS. Notes on the Antiquities of the Talukas of Parner, Sangamner, Ankole and Kopergaum, by W. E. Sinclair; with revised lists of remains in the Ahmadnagar, Nasik, Puna, Thana and Kalâdgi Zillas, by J. Burgess. 4to., pp. 27.

Government Central Press, Bombay, 1877

Archæological Survey of Western India, [Old Series], No. 6.

Lists, pp. 17-27.

REPORTS regarding the Archæological Remains in the Kurrachee, Hyderabad and Shikârpur Collectorates, in Sindh, with plans of tombs 4to., pp. 38, with 4 folding plates (2 coloured).

Government Central Press, Bombay, 1879

Archæological Survey of Western India, [Old Series], No. 8.

BURGESS, JAMES. Lists of the Antiquarian Remains in the Bombay Presidency, with an Appendix of Inscriptions from Gujarat. Compiled from information supplied by the Revenue, Educational, and other Government Officers. 4to., pp. ix and 340, with 2 plates.

Government Central Press, Bombay, 1885

Archæological Survey of Western India, No. 11.

A revised edition was issued in 1897.

COUSENS, HENRY. Notes on the Buildings and other Antiquarian Remains at Bijapur. With translations of the inscriptions by E. Rehatsek. 4to., pp. ii and 109, with 2 folding maps.

Government Central Press, Bombay, 1890

Selections from the Records of the Bombay Government, No. CCXLV.—New Series, and *Archæological Survey of Western India* [Old Series], XIa.

ARCHÆOLOGICAL SURVEY :

NEW IMPERIAL SERIES.

The above series now unites the New Series of Reports of the Archæological Surveys of Northern, Southern and Western India in one Imperial collection. As the decision was not arrived at until after the publication of Vols. I—V of the Western Survey, Vols. I—V of the Southern Survey, and Vols. I—II of the Northern Survey, the Imperial Series numbering does not appear on the title-pages of these works.

BURGESS, JAMES. Report on the Antiquities of Kâthiâwâd and Kachh, being the result of the second season's operations of the Archæological Survey of Western India, 1874-75. Folio, pp. x and 243, with 74 plates, 11 figures (coins), and a map.

India Museum, London, 1876; also Allen, Trübner, King and Stanford.

Archæological Survey of Western India, [Vol. II, and *New Imperial Series*, Vol. II].

Report on the Antiquities of the Bidar and Aurangabad Districts, in the territories of His Highness the Nizam of Haidarabad, being the result of the third season's operations of the Archæological Survey of Western India, 1875-76. Impl. 4to., pp. viii and 138, with 66 plates.

Allen : Trübner : Stanford ; London, 1878

Archæological Survey of Western India, Vol. III, [and *New Imperial Series*, Vol. III].

SEWELL, ROBERT. Lists of Antiquarian Remains in the Presidency of Madras. Compiled under the Orders of Government. 4to., 2 vols., pp. xii, 325 and lxii; xi and 297. Government Press, Madras, 1882-84

Archaeological Survey of Southern India, Vol. II [and *New Imperial Series*, Vols. VII and VIII]. For index to Muhammadan references, see II, pp. 113-114.

FÜHRER, A. The Sharqi Architecture of Jaunpur; with notes on Zafarabad, Sahet-Mahet and other places in the North-Western Provinces and Oudh. By A. Führer. With drawings and architectural descriptions, by Ed. W. Smith. Edited by Jas. Burgess, LL.D., C.I.E., Impl. 4to, pp. viii and 76, with 74 plates.

Supdt., Govt. Printing, Calcutta, 1889
Archaeological Survey of India (New Series): North-Western Provinces and Oudh, Vol. I [and *New Imperial Series*, Vol. XI].

In connection with the above:

DEWHURST, R. P. The Metres of the Jaunpur Persian Inscriptions. *Journ. Royal Asiatic Society*, pp. 749-751. 1909.

A polemic criticism.

———— The Monumental Antiquities and Inscriptions, in the North-Western Provinces and Oudh, described and arranged. Impl., 4to., pp. iv. and 425.

Supdt., Govt. Press, N.-W.P. and Oudh Allahabad. 1891

Archaeological Survey of India (New Series): North-Western Provinces and Oudh, Vol. II, [and *New Imperial Series*, Vol. XII].

COUSENS, HENRY. Revised Lists of Antiquarian Remains in the Bombay Presidency. Impl. 4to., pp. vii and 398, with map of Ahmedabad, a large folding one of Bijapur and several of districts. 1897

Archaeological Survey of India, New Imperial Series, Vol. XVI.

Includes: "Inscriptions from Gujarât," transcribed and translated by E. Rehatsek, *Appendix*, pp. 289-313; and from Cambay, Sojali, Dholka and Broach, pp. 313-327.

SMITH, EDMUND W. The Moghul Architecture of Fathpur-Sikri: described and illustrated. Roy. 4to., 4 parts, pp. xix and

38, with 120 plates (10 coloured); pp. [i], v and 84, with 104 plates (3 coloured); pp. x and 61, with 96 plates (12 coloured); pp. [i], vi and 47, with 89 plates (11 coloured).

Supdt., Govt. Press. Allahabad, 1894-1898

Archaeological Survey of India, New Imperial Series, Vol. XVIII, and *N.-W. Provinces and Oudh*, Vol. III.

COUSENS, HENRY. Lists of Antiquarian Remains in the Central Provinces and Berâr. Impl. 4to., pp. vii and 105, with 25 maps of districts.

Supdt., Govt. Printing, Calcutta, 1897

Archaeological Survey of India, New [Imperial] Series, Vol. XIX.

Muhammadan Buildings at Burhânpûr and Fatehkheldâ.

BURGESS, JAMES. On the Muhammadan Architecture of Bharoch, Cambay, Dholka, Champanir, and Mahmudabad in Gujarat. Impl., 4to., pp. [I], ii and 47, with 77 plates.

Griggs: Quaritch: Luzac: London, 1896.

Thacker, Bombay: Thacker, Spink & Co., Calcutta.

Archaeological Survey of India, New Imperial Series, Vol. XXIII and *Western India*, Vol. VI.

———— The Muhammadan Architecture of Ahmadabad. Part I.—A.D. 1412 to 1520. With 112 Photographic and Lithographic Plates. Part II.—With Muslim and Hindu Remains in the Vicinity. Illustrated by 85 Photographic and Lithographic Plates, &c. Impl. 4to., 2 vols., pp. x and 87; xi and 109.

Griggs: Quaritch: Kegan Paul, London; Thacker Spink & Co., Bombay; Thacker, Calcutta, 1900-1905.

Architectural Survey of India, [New Imperial Series] Vols. XXIV and XXXIII, or Architectural Survey of Western India, Vols. VII and VIII.

SMITH, EDMUND W. Moghul Colour Decoration of Agra: described and illustrated. Part I. Roy. 4to., pp. 3, [3], ii, v and 28, with 103 plates (53 coloured).

Supdt., Govt. Press, Allahabad, 1901

Archaeological Survey of India; [New Imperial Series], Vol. XXX].

COUSENS, HENRY. List of Antiquarian Remains in His Highness the Nizam's Territories. Impl. 4to., pp. vii and 91, with 1 map.

Supdt., Government Printing, Calcutta, 1900

Archæological Survey of India, [New Imperial Series, Vol. XXXI].

BURGESS, JAS., & HENRY COUSENS. The Architectural Antiquities of Northern Gujarat, more especially of the Districts included in the Baroda State. Impl., 4to., pp. x and 118, with map, 111 plates and 10 illustrations in the text.

Quaritch, London, 1903

Archæological Survey of India, [New Imperial Series] Vol. XXXII, and *Western India*, Vol. IX.

Muhammadan Buildings at Pâtân and Munjâpur.

ARCHÆOLOGICAL SURVEY OF INDIA: PROGRESS REPORTS: WESTERN CIRCLE.

PROGRESS REPORT of the Archæological Survey of Western India for the months December 1889 to April 1890. Signed: Henry Cousens. 4to., pp. 16, with 1 folding map. Government Central Press, Bombay, [1890]

Ahmedâbâd, Pâtân, Munjpur and Mandal.

———— for the months May 1890 to April 1891. Signed: Henry Cousens. 4to., pp. 7 with 1 map. *s.l.*, *s.d.*

Pedgaon and Ahmadnagar.

———— for the months May 1891 to April 1892. Signed: Henry Cousens. 4to., pp. 22, with 1 folding map. *s.l.*, [1892]

Erandol, Taulâi, Kalyân, Châmpânir, Bijâpûr and Dâbhol.

———— for the months May 1892 to April 1893. Signed: Henry Cousens. 4to., pp. 19, with 1 folding map.

Government Central Press, Bombay, [1893] Bhatkal.

———— for the months May 1893 to April 1894. Signed: Henry Cousens. 4to., pp. 17, with 1 map. *s.l.*, [1894]

Burhânpur, Narsinghad, Garhakota, Bijâpûr. Châmpânir, Tatta and Moro.

PROGRESS REPORT of the Archæological Survey of Western India, for the months May 1894 to August 1895. Signed: Henry Cousens. 4to. pp. 15, with 1 folding map. *s.l.*, [1895]

Aurangâbâd, Jalna, Partur, Basvantnagar, Nirmal, Elgandal, Warangal, Hyderâbâd, Golconda, Raichur and Gulbarga.

———— for the months September 1895 to April 1896. Signed: Henry Cousens. 4to., pp. 14, with 1 folding map.

s.l., [1896]

Hyderâbâd (Sind), Hâlâ, Khudâbâd, Sehwan, Tatta, Châmpânir and Bijâpur.

———— for the year ending 30th June 1897. Signed: Henry Cousens. 4to., pp. 21, with 1 folding map. *s.l.*, [1897]

Tatta, Sâmui, Sukkur, Sarkhâna, Multân, Vijnot, Rohri, Alor, Brahmanabad-Mansûra (with map), Sâtâra, Châmpânir, Ahmedabad, Bijâpûr and Khudâbâd.

———— for the year ending 30th June 1898. Signed: Henry Cousens. 4to., pp. 12, with 1 map. *s.l.*, [1898]

Bassein, Ahmedâbâd, Châmpânir, Bijâpûr and Hukeri.

———— for the year ending 30th June 1899. Signed: Henry Cousens. 4to., pp. 22, with 1 map. *s.l.*, [1899]

Jasdan, Sômnâtha-Pattan, Verâvel, Mangrol Ahmedâbâd, Champânir, Ahmednagar and Moro.

———— for the year ending 30th June 1900. Signed: Henry Cousens. 4to., pp. 8, with 2 plates. *s.l.*, [1900]

Ahmedâbâd, Bijâpûr, Moro, Tatta and Ajmer.

———— for the year ending 30th June 1901. Signed: Henry Cousens. 4to., pp. 19, with 1 map folding plate and 1 map. *s.l.*, [1901]

Ahmedâbâd, Bijâpûr, Ahmednagar, Ajmer, Tatta, Miâni and Moro.

———— for the year ending 30th June 1902. Signed: Henry Cousens. 4to., pp. [i] and 20. *s.l.*, [1902]

Darva, Rohinkhed, Fatehkheda, Anjani Khurd, Devalgaon Râjâ, Ahmedâbâd, Champânir, Ahmednagar, Thâlnar, Bijâpûr and Hyderâbâd (Sind).

PROGRESS REPORT of the Archæological Survey of Western India for the year ending 30th June, 1903. Signed: Henry Cousens. 4to., pp. 9.

s.l., [1903]

Ahmedâbâd, Bijâpûr, Hyderâbâd (Sind), Châmpânir, Ahmednagar, Thâlnér, Khed, Dâbhol, Rohinkhed, Dhâr and Mandu.

————— for the year ending 30th June 1904. Signed: Henry Cousens. 4to., pp. 60.

s.l., [1904]

Bijâpûr, Ahmedâbâd, Dholkâ, Wâtâ, Châmpânir, Kalyân, Ahmednagar, Thâlnér, Belgaum, Bâdâmi, Hyderâbâd, Dhâr and Mandu.

————— for the year ending June 1905. Signed: Henry Cousens. [With Report of the Assistant Archæological Surveyor. Signed: D. R. Bhandarkar.] 4to. pp. [i] and 60.

Government Central Press, Bombay, [1905]

Ahmedâbâd, Sarkhej, Dholka, Wâtâ, Châmpânir, Belgaum, Bijâpûr, Dâbhol, Tatta, Hyderâbâd, Moro, Khudâbâd, Sukkur, Burhânpur, Dhâr and Mandu, Dholpur, Mau, Narnala Fort, Gawilgarh and Afzalpura.

PROGRESS REPORT of the Archæological Survey of India, Western Circle, for the months July 1905 to March 1906, inclusive. Signed: Henry Cousens. [With Report of the Assistant Superintendent. Signed: D. R. Bhandarkar.] 4to., pp. [i] and 67, with 3 plates.

Government Central Press, Bombay, [1906]

Châmpânir, Mehmâdâbâd, Ahmedâbâd, Sarkhej, Batwâ, Dholkâ, Thâlnér, Bijâpûr, Belgaum, Dâbhol, Hyderâbâd (Sind), Moro, Tatta, Khudâbâd, Hâlol, Burhânpur, Rohinkhed, Dhâr and Mandu, Gwalior, Mau, Shâhâbâd, Alwar and Nagar.

————— for the year ending 31st March 1907. Signed: Henry Cousens. [With Report of the Assistant Superintendent. Signed: D. R. Bhandarkar.] 4to., pp. ii and 47.

Government Central Press, Bombay, [1907]

Kalyan, Châmpânir, Hâlol, Ahmedâbâd, Batwâ, Dholkâ, Sarkhej, Bijâpûr, Tattâ, Khudâbâd, Miani, Dâbhol, Ahmednagar, Broach, Dhâr and Mandu, Nagar and Kapadvanj.

————— for the year ending 31st March 1908. Signed: Henry Cousens. [With

Report of the Assistant Superintendent. Signed: D. R. Bhandarkar.] 4to., pp. ii and 63, with 1 plate and 1 illustration.

Government Central Press, Bombay, [1908]

Broach, Châmpânir, Sojâli, Ahmedâbâd, Dholka, Sarkhej, Ahmednagar, Bijâpûr, Dâbhol, Hyderâbâd (Sind), Khudâbâd, Hâlol, Thâlnér, Sanchor, Dhâr and Mandu.

PROGRESS REPORT of the Archæological Survey of India, Western Circle, for the year ending 31st March 1909. Signed: Henry Cousens. [With Report of the Assistant Superintendent. Signed: D. R. Bhandarkar.] 4to., pp. ii and 62, with 1 map.

Government Central Press, Bombay, [1909]

Châmpânir, Hâlol, Ahmedâbâd, Batwâ, Sarkhej, Broach, Thâlnér, Bijâpûr, Dâbhol, Hyderâbâd (Sind), Tattâ, Dhâr and Mandu, Brahminâbâd-Manşûra, Ajmer, and Jalor.

————— for the year ending 31st March 1910. Signed: Henry Cousens. [With Report of the Assistant Superintendent. Signed: D. R. Bhandarkar.] 4to., pp. ii and 67.

Government Central Press, Bombay, [1910]

Bijâpûr, Châmpânir, Broach, Ahmedâbâd, Dâbhol, Hyderâbâd (Sind), Moro, Tatta, Kuba, Dhâr and Mandu, Ajmer, Aurangâbâd, Doulatâbâd, Gulbarga and Medtâ.

————— for the year ending 31st March 1911. Signed: A. H. Longhurst. [With Report of the Assistant Superintendent. Signed: D. R. Bhandarkar.] 4to., pp. [i] and 50.

Government Central Press, Bombay, [1911]

Bijâpûr, Ahmedâbâd, Sarkhej, Broach, Châmpânir, Sojâli, Ahmednagar, Thâlnér, Tattâ, Khudâbâd, Kuba, Hyderâbâd (Sind), and Pâl.

————— for the year ending 31st March 1912. Signed: D. R. Bhandarkar. 4to., pp. ii and 64.

Government Central Press, Bombay, [1912]

Ahmedâbâd, Sarkhej, Châmpânir, Bijâpûr, Dhâr and Mandu, Kuba, Kalyân, Sojâli, Junnar, Ahmednagar, Pâl, Tattâ, Khudâbâd, Hyderâbâd (Sind) and Bharatpur.

PROGRESS REPORT of the Archæological Survey of India, Western Circle, for the year ending 31st March 1913. Signed: D. R. Bhandarkar. 4to., pp. ii and 66.

Government Central Press, Bombay,
[1913]

Châmpânir, Ahmednagar, Bijiâpûr, Dhâr, and Mandu, Ahmedâbâd, Sarkhej, Pratâpgad Dabhoi, Tattâ, Dadu, Hyderâbâd (Sind), Bharatpur, Aurangâbâd, Gulbarga, Pattancheru, Kuba and Bhodesar.

— for the years ending 31st March 1914. Signed: D. R. Bhandarkar. [With Report of Assistant Superintendent. Signed: J. A. Page.] 4to., pp. [i] and 88.

Yeravda Prison Press, Poona, [1914]

Broach, Ahmedâbâd, Châmpânir, Sojâli, Ahmednagar, Pratâpgad, Bijâpûr, Dabhol, Tattâ, Rohri, Hyderâbâd (Sind), Bhodesar, Dhâr and Mandu, Bharatpur, Medhak., Gulbarga, Bedar, Aurangâbâd, Nagar, Thana, Bhodesar, Chotiari, Bhilsar, Udaypur.

ARCHÆOLOGICAL SURVEY OF INDIA: ANNUAL REPORTS.

ANNUAL REPORT, 1902-03. Impl. 4to., pp. [i], iv and 293, with 51 plates and 47 illustrations.

Supdt., Govt. Printing, Calcutta, 1904

MARSHALL, J. H. Introduction: object and scope of the Annual Report; past history of the Department; functions of the Archæological Survey; pp. 1-13.

— Conservation, pp. 14-30. [Ahmedâbâd—Mosque of Sidi Sayyad; Bijâpûr—Gol Gumbaz and Ibrâhim Rauzâ; Dhâr and Mânâdû (5 pp.); Gaur and Panduah; Rohtasgarh; Agra—synopsis of full report, for which see below; Lucknow; Allahabad—Tomb of Sulţân Khusrau; Jaunpûr—enclosure of the Sharqî Kings' Tombs; Delhi—Mosque of Sher Shâh, Zinatul-masâjid, recovery (from the South Kensington Museum) and restoration of the mosaic panels belonging to the throne of Shâh Jahân, restoration of *pietra dura* of Jahânârâ Begam's tombstone; Ajmir—Arû-din-kâ-jhomprâ Mosque and marble embankment of lake.]

COUSENS, HENRY. Sidi Sayyad's Mosque, Ahmedâbâd, pp. 31-33, with 1 plate.

— The Mosque at the Gol Gumbaz, Bijâpûr, pp. 34-36, with 2 plates.

BLOCH, T. Conservation in Bengal, pp. 37-59, with 5 plates and 1 illustration. [See Sect. III.—Gaur and Panduah; and Sect. IV.—Remains of

the Mughal Period. These are the Dargâh of Bakhtiyâr Khân near Chainpur; and the Jum'a Masjid, Palace, and the Mosque of Habsh Khan, at Rohtasgarh.]

MARSHALL, J. H. Conservation of Monuments at Agra, pp. 60-76, with 5 plates and 2 illustrations. [In the Agra Fort:—Jahângiri Mahall, Salimgarh, Diwân-i-'Amm, Angûri-Bagh and Macchi Bhawan, Moti Masjid. The Taj and adjacent buildings. Tomb of I'timâdu-d-daulah. Mausoleum of Akbar at Sikandarrah.]

VOGEL, J. PH. The Qil'a-i-kuhna Masjid at Delhi, pp. 77-79, with 1 plate.

TUCKER, A. L. P. Restoration Work in Ajmir, pp. 80-84, with 2 plates and 1 illustration, [(a) The Mosque; (b) The Marble Pavilions erected by Shâh Jahân in 1637 A.D.]

MARSHALL, J. H. Exploration and Research, pp. 104-110. [Includes notes on the Hinidân tombs, on the Hab river, Baluchistan; and on Nûr Baksh's researches on the Lahore Fort.]

— and J. PH. VOGEL. Excavations at Chârâsada in the Frontier Province, pp. 141-184, with many plates and illustrations. [See "Muhammadan Remains on the Bâlâ Hîshâr, pp. 150-151 and fig. 6.]

VOGEL, J. PH. Tombs at Hinidân in Las Bela, pp. 213-217, with 7 illustrations on 1 plate, and 1 figure.

BAKSH, NÛR. Historical Notes on the Lahore Fort and its Buildings, pp. 218-224, with 1 plate (plan).

MARSHALL, J. H. Epigraphy, pp. 225-231. [See pp. 230-231, Bengal—dating inscriptions of mosques at Gaur, Bagha, Kusumbha and Kalna.]

ANNUAL REPORT, 1903-04. Impl. 4to., pp. x and 314, with 72 plates and 48 illustrations.

Supdt., Govt. Printing, Calcutta, 1906

MARSHALL, J. H. Conservation, pp. 1-12. [The Ancient Monuments Act; Principles of Conservation; in the Punjab—review of work done, for which see Nicholls, *infra*; Panduah—Âdina Masjid; Râmkel—the Bâradwârî; Gaur—Dâkhil Darwâza and Lattan Masjid; Bijâpûr; Ahmedâbâd; Dhâr and Mânâdû—survey of work done, for which see Barnes, *infra*; Rohtasgarh—Fort; Delhi—Mosque of Altamsh; Bahraich—Shrine of Sayyid Salar Mas'ûd; Lucknow—Jâmi' Masjid; Wâtwa—Rauza; the Jâmi' Masjids at Burhânpur and Etawah, and a mosque at Rohinkhed.]

NICHOLLS, W. H. Conservation of Muhammadan Monuments in the United Provinces and Punjab, pp. 15-29, with 13 plates (1 coloured) and 3 illustrations. [The Tâj Mahall; the Fort, Agra;

Sikandarrah; Fathpūr Sikrī; Delhi—partial laying bare of the Hayāt Bakhsh garden in the Fort, and restoration of buildings surrounding it; small repairs to Motī Masjid; Tomb of Īsā Khān; Tomb of Tagah Khān; Mausoleum of Humāyūn; Khairu-l-manāzil; Qurb Mosque; Lahore—Motī Masjid, Mosque of Wazīr Khān; Shāhdara—*bāradarī* in the Huzūrī Bāgh Mausoleums of Jahāngīr, of Nūr Jahan, and of Āṣaf Khān; Lucknow—Jāmi' Masjid, Sikander Bāgh; Bahraich—Shrine of Sayyid Sālār.]

BARNES, CAPT. E. Conservation of ancient buildings at Māndū and Dhār, pp. 30-45, with 8 plates and 8 illustrations. [Māndū—the Hindola Maḥall; the Tower of Victory and the Khālī Mausoleum; Hushang's Tomb; the Jāmi, Masjid; Jahāz Maḥall; Dhār—the Lāt Masjid and Kamāl Maulā Mosque.]

BLOCH, T. Progress of Conservation in Bengal, pp. 46-53, with 1 plate and 2 illustrations. [See "The ruins of Bagerhat near Khulna," pp. 52-53—Tomb of Khān Jahān, Sāḥ Gumbaz.]

COUSENS, HENRY. Conservation in the Central Provinces, pp. 54-60. [Burhānpur—buildings, of the Farukī kings, mosques, mausoleums, baths, etc., p. 56.]

——— Brāhmanābād-Manṣūra in Sind, pp. 132-144, with 7 plates and 5 illustrations [Foundations of three mosques discovered, p. 136 and fig. 3.]

BAKSHI, NĪR. The Agra Fort and its Buildings, pp. 164-193, with 1 plate (plan) and 1 figure.

ANNUAL REPORT, 1904-5. Impl. 4to., pp. [i], v and 169, with 40 plates and 35 illustrations.

Supdt., Govt. Printing, Calcutta, 1908

MARSHALL, J. H. Conservation, pp. 1-9. [Agra—adverse comments on the theory that the Taj was designed by Geronimo Verroneo; Munshiganj, Dacca District—old Fort; Monghyr—Dargāh of Shāh Nāfah; Ahmedabad—tombs of Shāh Ālam, Achyut Bibī, and the queens of Ahmad Shāh; Bijāpur—Gol Gumbaz—repair of great cornice (a difficult and troublesome operation); Wātwa—Tomb of Burhānu-d-din Qutbu-l-Ālam; Khudābād—Tomb of Yār Muḥammad; Hyderabad—Tombs of the Kalhorā kings; Burhānpur—fine and little known buildings of the Fāruqī Dynasty of Khandesh.]

NICHOLLS, W. H. Conservation of Muhammadan Monuments in the United Provinces and Punjab, and at Ajmer, pp. 10-23, with 5 plates and 13 illustrations. [The Taj; Agra Fort—Diwān-i-Āmm, Jahāngiri Maḥall, Motī Masjid, Tomb of I'timād-ud-daulah, Zohra Bāgh Kiosk;

Sikandarrah; Fathpur Sikrī—city wall, Salīm Chishtī's tomb; Delhi—Hayāt Bakhsh garden and Zafar Maḥall, Shāh Burj, 'Aqab-i-Hammām Tughlaqābād—Mausoleum of Tughlaq Shāh, Mausoleum of Humāyūn, Jamā'at Khānah, mosque, parapet round tomb of Jahān Ārā Begam; Lahore—Mosque of Dāi Angah, Chhoṭi Khwābgāh and Shish Maḥall in the Fort, Ajmer—Taḥṣil of Akbar in the Fort.]

ANNUAL REPORT, 1905-6. Impl. 4to., pp. vi and 208, with 54 plates and 43 illustrations.

Supdt., Govt. Printing, Calcutta, 1909

MARSHALL, J. H. Conservation, pp. 1-9 [Serious damage done by the earthquake of April 4th. Lahore—Chhoṭi Khwābgāh (completion of work), ceiling of Shish Maḥall, Diwān-i-Āmm; Delhi—Rang Maḥall, Naubat Khāna, Hayāt Bakhsh garden; Agra—the Taj, Diwān-i-Āmm; Fathpur Sikrī—Daftār khāna, "Mariam's Koṭhī," house of Birbal, purchase of Rang Maḥall; Qanauj—Mosque of Jahāniān, also tombs of Kabir Bālā and Shaikh Mahdi; Gwalior—Tomb of Muḥammad (Ghauth); Bijāpur—Gol Gumbaz, Ibrahim Rauza; Firozpur—Sonā Masjid.]

VOGEL, J. PH. Ancient Monuments of Kāngrā ruined in the Earthquake, pp. 10-27, with 7 plates and 5 illustrations. [Āhani, Amiri, and Jahāngiri Darwāzā in Fort.]

NICHOLLS, W. H. Some Conservation Works in the Northern Circle during 1905-06, pp. 28-32, with 8 plates. [Sikandarrah—restoration of minarets on south gateway of Akbar's Tomb, Delhi—some photographs of the Fort, taken shortly after 1857;—Muthamman Burj—Rang Maḥall, north-west corner of the Salimgarh connecting bridge of same; Ajmer—the Taḥṣil.]

REA, A. Progress of Conservation in Madras, pp. 50-56, with 2 plates and 3 illustrations. [Includes fine Mosque in Gandikota Fort.]

——— 1906-7. Impl 4to., pp. x and 267, with 74 plates (1 coloured) and 52 illustrations.

Supdt., Govt. Printing, Calcutta, 1909

MARSHALL, J. H. Conservation, pp. 1-11, with 3 plates. [Policy of the Department with regard to the preservation of ancient monuments. Jaunpur—Jāmi' Masjid, Lal Darwāza Masjid and Atala Masjid; Agra—the Taj, Jahāngiri Maḥal and Hathiyā Paul; Lahore—Naulakhā Pavilion, Shish Maḥal and Hazūrī Bāgh Pavilion; Shāhdara—garden of Akbar's Mausoleum and quadrangle of the Akbarī Sarāi; Delhi—Hayāt Bakhsh garden and tomb of Īsā Khān; Kashmir—Shālimār Bāgh; references to work at Panduah—Ekklākhī Tomb,

Ādina and Qutbshāhī mosques ; Firozpur—Sonā Masjid ; Gaur—Lattan and Tāntipārā Mosques, Firoz Minār, Dākhil Darwāza ; Bagerhat—Sat Gumbaz ; tomb of Khān Jahān 'Alī ; Chainpur—tomb of Bakhtiyār Khān.]

NICHOLLS, W. H. Jahāngir's Tomb at Shāhdara, pp. 12-14, with 1 plate and 1 figure. [Removal of skylight ; literary and structural evidence regarding original form of tomb.]

——— Railing in the Angūrī Bāgh at Agra, pp. 15-16, with 1 illustration

MARSHALL, J. H. Exploration and Research, pp. 34-43. [Reference to Nicholl's Report, *infra*, and a criticism of his remarks on the tomb of Madanī near Srinagar.]

NICHOLLS, W. H. Muhammadan Architecture in Kashmir, pp. 161-170, with 16 plates (1 coloured) and 10 figures. [Classification of Muhammadan Architecture in Srinagar ; Tomb of Zainu-l-'ābidin's mother ; Tomb of Madanī ; History of wooden style ; Mosques of Madanī, Shāh Hamadān, etc., buildings in the Mughal style.]

SAHNI, DAYA RAM. Notes in the Gōrakpur and Sāran Districts, pp. 193-205, with 1 plate. [Salēmpur—mosque dated A. H. 1065 (1654) ; Siwān—mosque dated A. H. 1165 (1751) ; Tājpūr Basahī—inscribed slab on grave of a Muhammadan Saint named Khwāja Bādshāh.]

ANNUAL REPORT, 1907-8. Impl. 4to., pp. x and 304, with 86 plates (1 coloured) and 52 illustrations.

Supdt., Govt. Printing, Calcutta, 1911

MARSHALL, J. H. Conservation, pp. 1-7. [The Society for the protection of Ancient Buildings and its policy ; survey of work at Agra and Delhi, for which see Tucker, *infra* ; Fatehpur Sikri—Rang Mahall ; Lahore Fort ; Agra—the Taj ; Sikandarāh—Tomb of Akbar, Kānch Mahall : Shāhdara—Mausoleum of Jahāngir, additional references confirming Nicholl's view on opening in vaulted roof ; Bijāpur—Ibrāhīm Rauza and Gol Gumbaz ; Bāgerhāt—Dargāh of Khān Jahān 'Alī, Satgumbaz mosque ; Panduah—*minār* and mosques.]

TUCKER, R. FROUDE. The Akbari Mahall in Agra Fort, pp. 8-22, with 6 plates and 2 illustrations.

——— The Rang Mahall in Delhi Palace, pp. 23-30, with 2 plates (1 coloured) and 2 illustrations.

——— Takht-i-Akbari at Kalānūr. pp. 31-32 with 1 illustration.

———, 1908-9. Impl. 4to., pp. vi and 231, with 57 plates (2 coloured) and 49 illustrations.

Supdt., Govt. Printing, Calcutta, 1912

Vogel, J. Ph. Conservation, pp. 1-4. [Buildings in Delhi Fort—Shāh Burj, Naqar Khāna, Mumtāz

Mahall, Hayāt Bakhsh garden, etc. ; Sikandarāh—eastern false gate of Akbar's Tomb ; Fatehpur Sikri—Rang Mahall ; Allahabad—Mughal buildings in Fort ; Bijāpur—Gōl Gumbaz, completion of cornice.]

VOGEL, J. Ph. Exploration and Research, pp. 33-37. [Remarks on work at Brāhmanābād—Mansūra, for which see Cousens, *infra*.]

COUSENS, HENRY. Excavations at Brāhmanābād—Mansūra, Sind, pp. 79-87, with 7 plates (2 coloured) and 7 illustrations. [Foundations of large mosque discovered.]

WASI-UD-DIN. A Persian Inscription in Peshāwar City, [with postscript by W. Irvine], pp. 203-206, with 1 plate and 1 illustration. [Dating inscription from a bridge over the Bāra stream, built A.H. 1039 (1629), now built into a mosque at Peshāwar.]

ANNUAL REPORT, 1909-10. Impl. 4to., pp. [i], vi and 187, with 54 plates and 33 illustrations.

Supdt., Govt. Printing, Calcutta, 1914

VOGEL, J. Ph. Conservation, pp. 1-10. [Delhi—Hayāt Bakhsh garden and Shāh Burj in Fort ; Agra—Akbar's palace in Fort ; Lahore—Diwān-i-'Āmm, Chhōṭī Khwābgāh and Shish Mahall in Fort, Shālimār Bāgh ; in neighbourhood of Delhi—Khūrki Masjid, Mōth-ki-Masjid, Tomb of Safdar Jang ; Bijāpur—Ibrāhīm Rauza, Jal Mandir ; Ahmedābād district—mosque of Imādu-l-Mulk at Ihsānpūr, mosque and tomb of Sayyid 'Usmān at 'Usmānpur ; Sarkhōj—Palace ; Broach—Jāmi' Masjid ; Champaner—Jāmi' Masjid ; Aurangābād—Bibi kā Maqbarah ; Gulburgah—Mosque ; Manēr (Patna District)—Makhḍūm Daulat ; Kusumbha—mosque ; Burhānpur—Jāmi' Masjid, Bibi Masjid ; also Mausoleums of Shāh Nawāz Khān, Shāh Shujā and 'Ādil Khān.]

SANDERSON, GORDON. The Shāh Burj, Delhi Fort, pp. 25-32, with 1 plate and 4 illustrations.

——— The Diwān-i-'Āmm, Lahore Fort, pp. 33-39, with 2 plates and 3 illustrations.

———, 1910-11. Impl. 4to., pp. v and 103, with 53 plates.

Supdt., Govt. Printing, Calcutta, 1914

SANDERSON, GORDON. Conservation Works at Agra and Neighbourhood, pp. 94-103, with 6 plates. [Tomb of Maryam at Sikandarāh ; Jaswant Singh Ki Chattri, Agra ; Akbari Mahall, Agra Fort.]

———, 1911-12. Impl. 4to., 2 parts, pp. 54 ; viii and 226, with 76 plates.

Supdt., Govt. Printing, Calcutta, 1914-15

GENERAL.

'ABD AL-HAQQ, *Dihlavi*. Gharābat-nigār. 4to., pp. 180, with 19 plates (mounted photographs). Lith.

Akmal ul Matabi', Delhi, 1876

Descriptions of famous buildings in India.

ABDUL WALLI, *Maulavi*. On some Archæological remains in the District of Rājshāhī. *Journ., Asiatic Society of Bengal*. Vol. LXXIII, Pt. I, pp. 108-117. 1904

On the old Bagha Mosque, A.H. 930 (1523-4) and the mosque at Kusamba, A.H. 966 (1558-9).

Abstract : *Proceedings*, p. 100.

On the antiquity and traditions of the Jāmi' Masjid and the Rauza of Hazrat Maulānā Muḥammad 'Arab, at Sailkūpā, Sub-Division Jhenidah, District Jessore. *Journ., Asiatic Society of Bengal*. Vol. LXX, Pt. I, pp. 15-28. 1901

On the Antiquity and Traditions of Shāhzādpūr. *Journ., Asiatic Society of Bengal*, Vol. LXXIII, Pt. I, pp. 262-271. 1904.

Abstract : *Proceedings*, p. 2.

ABDUS SALAM, *Maulvi*. A Short Note on the Qadam Rasul Building at Balasore. *Journ., Asiatic Society of Bengal*, New Series, Vol. IV, pp. 31-32. 1908

ANDERSON, JOHN. Catalogue and Handbook of the Archæological Collections in the Indian Museum. 8vo., 2 parts. Calcutta, 1883

Door-jamba, friezes, bricks and tiles from Muhammadan buildings, Part II, pp. 365-391.

ANON. Gour, Mandoo, and Bejapore. *Asiatic Journal and Monthly Register*, Vol. XVI, New Series, pp. 178-189. 1835

List of Ancient Architectural Structures or their Remains in the N.-W. P. *Report of the Administration of the N.-W. Provinces*, 1869-70. Appendix, pp. 131-166. Allahabad, 1871

A List of the Objects of Antiquarian Interest in the Lower Provinces of Bengal. Compiled at the Bengal Secretariat under the orders of the Government of India, 1879. 8vo., pp. 267.

Bengal Secretariat Press, Calcutta, 1879

With short notes on the locality, condition, importance, etc., of each building.

ANON. Ziyārāt al-'Arab. 4to., 22 lithographic illustrations, no text.

Mahmud ul Matabi', Delhi, 1883

Illustrations of 22 Muhammadan shrines in India, Mesopotamia and Arabia.

Indian Art. *Calcutta Review*, Vol. LXXVIII, pp. 50-56. 1884

A short review of all periods.

[Muhammadan Architecture at Aurangabad.] *Gazetteer of Aurangabad*, pp. 583-604. Bombay, 1884

Government of Bengal, Public Works Department. Revised List of Ancient Monuments in Bengal, 1886. Oblong 4to., pp. [i] and 232.

Bengal Secretariat Press, Calcutta, 1887

With short descriptions, present condition, and other remarks. Prepared with the assistance of J. D. Beglar.

Technical Art Series. Illustrations of Indian Industrial Art, 4to.

Survey of India Offices, Calcutta, 1897-1910

Architectural details from Fatehpur Sikri, Bijāpūr, Kālpī and Sind, 1896, plates I—XI, 1897, plates V—XIII; 1898, plates I—VIII.

A list of the Photographic Negatives of Indian Antiquities in the Collection of the India Museum : with which is incorporated the List of similar negatives in the possession of the India Office. Published by Authority of the Government of India, Department of Revenue and Agriculture. 4to., pp. viii and 218.

Supdt., Govt. Printing, Calcutta, 1900

With references to descriptions in the Archæological Survey Reports and other works. Chiefly the work of Dr. T. Bloch. The second list is a reprint, with slight alterations and additions, of Dr. Burgess' List, published in 1894.

Government of Bengal. Public Works Department. List of Ancient Monuments in Bengal. Revised and corrected up to 31st August 1895. Published by Authority. 4to., pp. [v], 571, xii and xii, with 9 maps of the Divisions.

Bengal Secretariat Press, Calcutta, 1896

This was shortly afterwards issued in the form of 9 lists (one for each Division) with separate pagination.

With notes on locality, condition, importance, etc., of each building.

BALL, V. On the Building and Ornamental Stones of India. *Records of the Geological Survey of India*, Vol. VII, pp. 98-122.

Calcutta, 1874

BEAMES, JOHN. The Alti Hills in Cuttack. *Journ., Asiatic Society of Bengal*, Vol. XLIV, Pt. I, pp. 19-23, with 4 plates. 1875

Plate IV, "Mosque of Pîr Sulaimân on the top of the 'Âlamgîr Hill." Dated A.H. 1132 (1719-20), p. 21.

BELLASIS, A. F. Old Tombs in the Cemeteries of Surat. *Journ., Bombay Branch, Royal Asiatic Society*, Vol. VI, pp. 146-156, 1861

Tombs of the Bohras, a Shiah sect, pp. 155-156. Two large domed mausoleums with gilded spires, c. 1800.

——— An Account of the Old Tombs in the Cemeteries of Surat. 8vo., pp. 19.

Education Society's Press, Bombay, 1861
A Reprint of the preceding.

BENOIT, FRANÇOIS. L'Architecture. L'Orient : médiéval et moderne. pp. iv and 543. Renouard, Paris, 1912

BEVERIDGE, HENRY. An inscription in the Tughra character. *Proceedings of the Asiatic Society of Bengal*, p. 55. 1893

Recording the erection of a mosque by Saif-ud-Dîn Abul Muzaffar Fîrûz Shâh, A.H. 896 (1490), at Chuâkhali.

BEVERIDGE, H. A Visit to Umarkot, &c. *Calcutta Review*, Vol. CX, pp. 61-69. 1900

Abul Fazl's grave and Anârkali's tomb.

BLOCHMANN, H. Notes on places of historical interest in the District of Hugli. *Proceedings of the Asiatic Society of Bengal*, 109-127. 1870

Notes on Madâran and Pandwa.

——— Notes on the Arabic and Persian Inscriptions in the Huglî District. *Journ., Asiatic Society of Bengal*, Vol. XXXIX, Pt. I, pp. 280-303, with 5 plates, (architectural). 1870

See also the *Proceedings*, pp. 187-190. A sequel to *Notes on places of historical interest in the District of Hugli* [q. v.].

Inscriptions on buildings at Tribeni, Mullâ Simlâ, Sâtgaon, Pandwa and Dinânâth. Three of the plates illustrate the mosque of Pandwa.

BLOCHMANN, H.—Notes on several Arabic and Persian Inscriptions. *Journ., Asiatic Society of Bengal*, Vol. XL, Pt. I, pp. 251-261, with 4 plates (2 coloured). 1871

Inscriptions on buildings at Bardwân, Gaur, Attock, Majherah and Bareilly.

——— Notes on several Arabic and Persian inscriptions received from Members of the Society. *Proceedings of the Asiatic Society of Bengal*, pp. 126-128. 1871

Merely an abstract of the article in the *Journal*. From Sikandarpûr, Attock, Bareilly, Majherah, Agra and Bardwân.

——— Note on three Arabic Inscriptions by early Muhammadan Kings of Bengal, received from A. Broadley. *Proceedings of the Asiatic Society of Bengal*, pp. 245-247. 1871

Bihâr.

——— Notes on Arabic and Persian inscriptions, No. II. *Journ., Asiatic Society of Bengal*, Vol. XLI, Pt. I, pp. 102-113, with 1 plate. 1872

Dating inscriptions on mosques etc., at Dinâjpûr, Dacca, Dhamrai, Badâon, Alapûr.

——— [Translations and notes on inscriptions at Badâon.] *Proceedings of the Asiatic Society of Bengal*, pp. 47-49. 1872

One dating inscription.

——— Note on a new King of Bengal. *Proceedings of the Asiatic Society of Bengal*, pp. 131-132. 1872

Dating inscriptions on a mosque at Kalnah, A.H. 939 (1532), and Shâh Nâfah's Dargâh at Monghîr. A. H. 902 (1496).

——— [Translations and notes on inscriptions at Sambhalherâ and Kol.] *Proceedings of the Asiatic Society of Bengal*, pp. 165-168. 1872

——— Contributions to the Geography and History of Bengal. (Muhammadan Period.) Part I., Geographical.—Part II., Historical, based on Inscriptions received from General A. Cunningham, etc. *Journ.*,

Asiatic Society of Bengal, Vol. XLII, Pt. 1, pp. 209-310, with map and 6 plates (3 of inscriptions). 1873

Inscriptions on buildings at Bihâr, Kagol, Pandwa, Sâtgaon, Dinâjpûr, Silhat, Bandar, Sonârgaon, Azimnagar, Bikrâmpûr, Mâlâ, Gaur, Mangalkot, Sikandarpûr, Machain.

See also the *Proceedings*, pp. 17-22.

BLOCHMANN, H. [Translations and notes on inscriptions at Dihlî, Sonpat, Pânîpat, Sambhal, Murâdâbâd, and Amrohah.] *Proceedings of the Asiatic Society of Bengal*, pp. 94-102. 1873

———— [Translations and notes on inscriptions at Jaunpûr, Pânîpat, and Muzaffarnagar.] *Proceedings of the Asiatic Society of Bengal*, pp. 138-142. 1873

———— [Translations and notes on inscriptions at Râprî, Mahobâ, Dihlî, Biânâh Ajmir, and Âgrah.] *Proceedings of the Asiatic Society of Bengal*, pp. 156-160. 1873

———— [Translations and notes on inscriptions at Dihlî, Badâon and Kanauj.] *Proceedings of the Asiatic Society of Bengal*, pp. 197-202. 1873

———— [Contributions to the Geography and History of Bengal (Muhammadan Period).] No. II. *Journ. Asiatic Society of Bengal*, Vol. XLIII, Pt. I, pp. 280-309, with 1 plate (of coins). 1874

Dating inscriptions from buildings at Mâlâ, Goâmaltî, Garh, Jaripâ (Sherpûr), Gaur, Bholahât.

———— [Rubbings, received from General Cunningham and Mr. Delmerick, of inscriptions at I'rich or Erich, Piparai near 'Îsâgarh, Abu'har and Sirsâ.] *Proceedings of the Asiatic Society of Bengal*, pp. 69-73. 1874

———— [Translations and notes on inscriptions at Badâon, Dehlî, Âgrah, Sujân Deo, Banâras and Sakit.] *Proceedings of the Asiatic Society of Bengal*, pp. 100-106. 1874

———— [Translations and notes on inscriptions at Âgrah, Faṭhpur Sikrî, Ujjain, Firûzâbâd, east of Âgra, and Gwâlîâr.] *Proceedings of the Asiatic Society of Bengal*, pp. 160-180. 1874

BLOCHMANN, H. [Translations of inscriptions from Âgrah, Sikandrah, Kachpûrwâ, Sarzîpûr, and Nârnaul.] *Proceedings of the Asiatic Society of Bengal*, pp. 209-227. 1874

———— Persian inscriptions from Belgâm, Sâmpgâm, Gulbarga, and Siddhapur. *Indian Antiquary*, Vol. IV, pp. 6-8. 1875

———— Contribution to the History and Geography of Bengal (Muhammadan Period). No. III. *Journ., Asiatic Society of Bengal*, Vol. XLIV, Pt. I, pp. 275-306, with 1 plate (of coins). 1875

Dating inscriptions from buildings at Gaur, Dinâjpûr, Dacca, Sherpûr, Murcha, Râjmahâl, Sonârgaon, Bihâr.

———— [Readings and translations of inscriptions from Srinagar, Âgrah and Nûrâbâd.] *Proceedings of the Asiatic Society of Bengal*, pp. 113-117. 1875

———— [Readings and translations of Arabic and Persian inscriptions from Dihlî, Rohtâs and Sahasrâm.] *Proceedings of the Asiatic Society of Bengal*, pp. 4-12. 1876

———— [Readings and translations of Arabic and Persian inscriptions from Hisâr Firûzah and Âzamgarh.] *Proceedings of the Asiatic Society of Bengal*, pp. 92-101. 1877

———— [Readings and translations of Arabic and Persian inscriptions from Hânsî, with historical notes on the town.] *Proceedings of the Asiatic Society of Bengal*, pp. 117-124. 1877

———— [Readings and translations of Persian inscriptions from Munger.] *Proceedings of the Asiatic Society of Bengal*, pp. 256-257. 1877

BORRMANN, RICHARD. Die Keramik in der Baukunst. Zweiter Auflage. 8vo. Kronör, Leipzig, 1908

See pp. 95-97.

BRIGGS, H. G. The Cities of Gujarâshtra : their topography and history illustrated in a journal of a recent tour ; with accompanying documents. 4to., pp. 408 and xxiv. Times' Press, Bombay, 1849

BROWN, PERCY. Lahore Museum, Punjab. A descriptive Guide to the Department of Archaeology & Antiquities. 8vo., pp. [i] ii, vii, 57 and x, with 15 plates.

"Civil and Military Gazette" Press, Lahore, 1908

See p. 25 and plate X, for bi-lingual inscription (Arabic and Hindi), dated "1566 A.D." found during the dismantling of a gateway at Khokra Kot.

BUCHANAN-HAMILTON. Account of the District or Tila of Dinajpur. MS. 4to., 2 vols. Transmitted to the Governor General in Council, 27th April 1809.

Preserved in the Library of the India Office.

Book I : Topography and Antiquities, pp. 222.

BURGESS, JAMES. Notes on a Visit to Gujarat in December 1869. (Reprinted from the "Times of India".) 12mo., pp. 120.

"Times of India" Office, Bombay, 1870
Ahmadâbâd, etc.

———— Photographs of Architecture and Scenery in Gujarat and Rajputana. Photographed by Bourne and Shepherd, With historical and descriptive letterpress by James Burgess. Folio, pp. 47, with 30 mounted photographs.

Bourne and Shepherd, Calcutta, Bombay, and Simla. 1874

Includes Ahmadâbâd (2), Ajmir (2), Amber (1), etc.

———— Indian Architectural Details. *Journ. Ind. Art.*, Vol. III, pp. 49-58, with 15 plates (6 coloured). 1890

An article on Col. S. S. Jacob's *Jeyapore Portfolio of Architectural Details* [q. v.], from which the plates are taken.

———— Indian Architecture. Article in the *Imperial Gazetteer of India*, New Edition, Vol. II, pp. 155-205.

Clarendon Press, Oxford, 1908

B[urges]s, J. Indian Architecture. Article in the *Encyclopædia Britannica*, 11th Edition, Vol. XIV, pp. 428-434, with 4 plates and illustrations. 1910

CAMPBELL, JAMES M. Thâna : places of interest. 8vo., pp. [i] and 433, with 5 maps and 3 plates.

Government Central Press, Bombay, 1882

Gazetteer of the Bombay Presidency, Vol. XIV. Places arranged in alphabetical order.

CHISHOLM, R. F., F.R.I.B.A. The Old Palace of Chandragiri. *Indian Antiquary*, Vol. XII, pp. 295-296, with 4 plates. 1883

Mixed Hindu-Muhammadan style.

———— Essays on Indian Art, Industry, and Education. *Asiatic Quarterly Review*, 3rd Series, Vol. XXXII, pp. 315-320. 1911

An article on Havell's *Essays on Indian Art*, etc., with special reference to his article *The Taj and its Designers*, reprinted there, attacking the "Vernonso" theory.

CLARKE, C. PURDON, C.I.E. The Examples of Moghul Art in the India Museum. *Transactions of the Roy. Inst. of Brit. Architects*, Vol. IV, New Series, pp. 122-132, with 4 plates (2 double). 1888

Chiefly on inlaid stone, and carved house fronts (3 plates) in the India Museum.

Synopsis : *The Architect*, Vol. XXXIX, pp. 343-345.

CLARKE, C. STANLEY. [List of existing monuments in India upon which tile decoration still appears.] Contributed to Furnival's *Leadless Decorative Tiles* pp. 121-126 with 1 plate. 1904

The plate shows the principal entrance to the mosque of Wazir Khân, Lahore, from a water-colour drawing.

COLE, LIEUT. (later Major) HENRY HARDY, R.E. Illustrations of Buildings near Muttra and Agra, showing the mixed Hindu-Mahomedan Style of Upper India. Prepared at the India Museum under the authority of the Secretary of State for India in Council, from photographs, plans, and drawings taken by order of the Government of India. Impl. 4to., pp. 8, with 53 plates, (plans, mounted photographs, etc.) with explanatory text interleaved. Allen, London, 1873

21 plates are devoted to Fathpûr Sikri.

COLE, H. H. Preservation of National Monuments. First Report of the Curator of Ancient Monuments in India for the year 1881-82. 8vo., pp. iii, 20 and ccxxi, with 1 folding plate. Signed H. H. Cole.

Government Central Branch Press, Simla, 1882

————— Preservation of National Monuments. Second Report of the Curator of Ancient Monuments in India for the year 1882-83. 8vo., pp. 13 and clv, with large folding "Map of India showing some of the localities rich in Ancient Monuments" and 33 plates (sketches and plans). Signed H. H. Cole.

Supt., Government. Printing, Calcutta, 1883

————— Preservation of National Monuments. Third Report of the Curator of Ancient Monuments in India for the year 1883-84. 8vo., pp. iv, 28 and clxxiii. Signed H. H. Cole.

Supt., Government Printing, Calcutta, 1885

Contains much miscellaneous information lists of principal monuments in various districts, etc. Last published.

————— Preservation of National Monuments, Bombay Presidency. Bijapur. 26th May 1881. (Illustrated by two plans and six sketches). Preliminary Report. 4to., pp. 15, with 8 folding plates. Title on wrapper.

Government Central Branch Press, Simla, 1881

————— Preservation of National Monuments. Nizam's Territory. Kalburgah. 25th June 1881, Preliminary Report. 4to., pp. 3, with 1 plate. Title on wrapper.

Government Central Branch Press, Simla, 1881

————— Preservation of National Monuments, Rajputana. Mount Abu. Ajmir. Jaipur. Ulwar. 5th July 1881. Preliminary Report. Illustrated by eight rough sketches. 4to., pp. 9, with 8 folding plates. Title on wrapper.

Government Central Branch Press, Simla, 1881

COLE, H. H. Preservation of National Monuments, Bombay Presidency. Ahmedabad. Poona. Karli. Ambarnath. Elephanta. 5th July 1881. Preliminary Report. (Illustrated by two diagrams and eight rough sketches.) 4to., pp. 17, with 10 plates. Title on wrapper.

Government Central Branch Press, Simla, 1881

COLE, H. H. Preservation of National Monuments. India. Golden Temple at Amritsar, Punjab. Folio, pp. 2, with 5 plates (4 coloured). Title on cover. *s.l.* [1884]

It is stated that "the design of the temple repaired by Ranjit Singh was borrowed from the shrine of the Muhammadan Saint Mian Mir, near Lahore (1635 A.D.)." The plates illustrate the doors.

Reprinted in the *Journal of Indian Art*, Vol. III, p. 40, with 5 plates; and, with slightly contracted text, in Griggs' *Photographs and Drawings of Historical Buildings*, [q. v.], plates 82-86.

————— Preservation of National Monuments. India. Tomb of Jahangir at Shahdara near Lahore. Folio, pp. 5, with 9 plates (7 coloured). Title on cover. *s.l.* [1884]

The 9 plates above are also to be found reprinted in Griggs' *Photographs and Drawings of Historical Buildings*. [q. v.], plates 68-76, with 2 pp. of text.

————— Preservation of National Monuments. India. Delhi. Folio, pp. [1], [1] and 3, with 5 plates (4 coloured). Title on cover. *s. l.* [1884]

Details of decoration of the Diwân-i-'Am and Diwân-i-Khâs, and plan of the buildings at the Qutub.

————— Preservation of National Monuments. India. Buildings in the Punjab. Folio, pp. [1], 2 and 3, with 7 plates (3 coloured). Title on cover. *s. l.* [1884]

"Badshahi Sarai at Nurmahal near Jalandhar," 2 plates; Plan of Lahore Fort, showing the original buildings, 1 double plate; "Shalimar Bagh, Lahore," 4 plates (3 double).

The 7 plates above are also to be found reprinted in Griggs' *Photographs and Drawings of Historical Buildings*, [q. v.], plates 77-81, 87 and 88, with contracted and somewhat different text; also, reduced to 3 plates, but with the same text as the latter, in the *Journ., Ind. Art.*, Vol. VI, pp. 94-96.

COLE, MAJOR H. H. Preservation of National Monuments. India. Agra and Gwalior. Folio, pp. [1] and 3, with 9 plates (3 coloured). Title on cover. s. l. [1885]

Includes plate of the Jāmi' Masjid, Gwalior, and 3 coloured plates of the painted fresco decoration of I'timād ud-Dawla's Mausoleum, Agra. The plate of the Jāmi' Masjid, Gwalior, was reprinted in the *Journal of Indian Art*, Vol. VIII, plate 86.

COUSENS, H. List of Photographic Negatives of Ancient Buildings and Antiquities of the Bombay Presidency. Title on wrapper. 4to., pp. 41. Poona, 1888

———— Conservation of Ancient Monuments in the Bombay Presidency. *Journ., Bombay Branch, Royal Asiatic Society*. Centenary Memorial Volume, pp. 149-162. 1905

———— Portfolio of Illustrations of Sind Tiles. Photo-Chromo-Lithographed by W. Griggs and Sons. Folio, pp. [ii] with 51 plates (50 coloured). London, 1906

Plate 1, "Tatta : Section of the Jami Masjid". 29 and 30, "Sukkur : coloured tile decoration on back wall of mosque near tomb of M. Abul Baki Purani,"

COWLEY, J. Rough Notes on Sonah, and its Hot Sulphur Springs. *Journal of the Archaeological Society of Dehli*, pp. 78-84. 1850

Contains notes on the buildings there.

CRESWELL, K. A. C. Indian Domes of Persian Origin. *Asiatic Review*, Vol. V, New Series, pp. 475-489, with 6 illustrations on 1 plate, and 5 figures. 1914

CROSTHWAITE, H. S. Monograph on Stone Carving in the United Provinces. 4to., pp. [vii] and 33, with 12 plates.

Supdt., Government Press, United Provinces, Allahabad, 1906

Includes jāli work, stone inlay at Agra, etc.

CUNNINGHAM, GENERAL A., C.S.I. Chāhā Shah Daulah. *Indian Antiquary*, Vol. VIII, "Notes and Queries," p. 234. 1879

Notes on a shrine in answer to a query in Vol. VIII, p. 176.

DEAKIN, ALFRED. The Architecture of the Mughals. *The Architect*, Vol. XLVII, pp. 215-217. 1892

DE FOREST, LOCKWOOD. Indian Domestic Architecture. Impl. 4to., [pp. iii], with 25 plates. [New York ?]. 1885

Includes some examples of Muhammadan architecture : Lattice window and wall surface of tomb covered with glazed tiles, Multan; Tomb of 'Alā-ud-Din Khilji, Delhi, etc.

EASTWICK, LT. E. B. Note on Allore and Rohri. *Journ., Bombay Branch, Royal Asiatic Society*, Vol. I, pp. 203-209. 1844

On some very early mosques, one dated A.H. 341 (952). Dr. Horovitz, however, says that this date is not to be taken seriously. See *Epi-graphia Indo-Moslemica*, 1909-10, p. 31, note.

FALKE, JAKOB VON. Aus dem weiten Reiche der Kunst. Sm. 8vo., pp. 387. Berlin, 1889

See pp. 112-135. Also "Wohnung und Palast im Orient," pp. 137-166.

FERGUSSON, JAMES. One Hundred Stereoscopic Illustrations of Architecture and Natural History in Western India. Photographed by Major Gill and described by James Fergusson. 8vo., pp. xii, with short note under each photograph.

Cundall, Downes & Co., London, 1864

Aurangābād, pl. 63-77 and 79-86. Tombs of Rābi'ah Durāni and Muzaffār Šafi, Jām' Masjid, Mosque in Old Palace at Rauzah, Shāh Gang and Tomb of Pir Ismā'il.

———— On the Study of Indian Architecture. *Journal of the Society of Arts*, Vol. XV, pp. 70-80, with 3 illustrations and a map. 1866

Published separately, sm. 8vo., pp. 35, with 5 illustrations and a map.

Murray, London. 1867

Science and Art Department of Committee of Council on Education.

———— Illustrations of various styles of Indian Architecture. A series of fifteen photographs of some of the most important buildings in India erected between B.C. 250 and A.D. 1830. With a lecture on the study of Indian Architecture,

read at a meeting of the Society of Arts, on 19th December, 1866, and a report of the discussion which ensued. 8vo., pp. vii, 35 and a leaf of text to each plate, with map and 5 illustrations in text.

London, 1869

Ahmadâbâd, Fathpûr Sikri, Agra, Delhi, etc.

FERGUSSON, JAMES. History of Indian and Eastern Architecture. 8vo., pp. xviii and 756, with 1 plate, 394 illustrations and 2 maps.

Murray, London, 1876

This edition was reprinted (without the author's consent) by Dodd, Mead & Co., at Boston in 1886, and again in 1891.

——— Do. Revised and edited, with additions. Indian Architecture by James Burgess, and Eastern Architecture by R. Phené Spiers. 8vo., 2 vols., pp. xxiii and 450; xvi and 521. With 50 plates and 512 illustrations. Murray, London, 1910

"Book VII: Indian Saracenic Architecture," Vol. II, pp. 186-335.

FIGDOR, KARL. Indische Architektur. *Die Kunstwelt*, Jahrg. I, Band II, pp. 455-466, with 2 plates and 16 illustrations (5 full-page). 1912

Good photographs of Architecture at Delhi, Agra and Fathpûr Sikri.

FORREST, G. W. Cities of India. 8vo., pp. xvi and 354, with 60 illustrations and a map. Constable, London, 1903

FRANCKLIN, MAJOR WILLIAM. Journal of a Route from Rajemehul to Gour, A.D. 1810-11. MS. 4to., pp. 87.

Note on flyleaf: "The map and drawings which Major Francklin prepared are not to be found, and were never contained in the Geographical Collection of the India Office."

In the map Room of the India Office.

See Devendga (H.).

FÜHRER, A. List of Photographic Negatives of the Monumental Antiquities in the North-Western Provinces and Oudh. 4 to, pp. 13. Title from wrapper. s.l., 1889.

GANAPATI RAY. The Khanja Ali Mosque at Khulna. *Indian Antiquary*, Vol. XXXIX "Notes and Queries," p. 287. 1910

GERSON DA CUNHA, J. Notes on the History and Antiquities of Chaul. *Journ., Bombay Branch, Royal Asiatic Society*, Vol. XII, pp. 51-162, with 8 folding plates. 1876

Muhammadan antiquities, pp. 161-162 (no illustrations).

GODWIN-AUSTEN, MAJOR H. H. On the Ruins at Dimápûr on the Dunsirî River, Ásám. *Journ., Asiatic Society of Bengal*, Vol. XLIII, Pt. I, pp. 1-6, with 6 plates. 1874

See plate IV.

GRIGGS, W. India. Photographs and Drawings of Historical Buildings. 100 plates reproduced by W. Griggs. From the Collection of the late Office of Curator of Ancient Monuments in India. Folio, 100 plates (50 coloured), with explanatory text interleaved. London, 1896

The greater part of the above consists of reprints from H. H. Cole's *Preservation of National Monuments* Series, and from the *Journal of Indian Art*.

GROWSE, F. S. C.I.E. The town of Bulandshahr. *Journ., Asiatic Society of Bengal*, Vol. LII, pp. 270-288, with 2 plates. 1883

Notes on the Muhammadan monuments, pp. 286-287.

——— Notes on the Fatehpur District, N.-W. P. *Journ., Asiatic Society of Bengal*, Vol. LIV, Pt. I, pp. 145-162. 1885

Muhammadan buildings, pp. 149-153.

——— A Supplement to the Fatehpur Gazetteer. 8vo., pp. [3] and 43, with 1 plate.

North-Western Provinces and Oudh Government Press, Allahabad.. 1887

Written to supplement its scanty architectural and topographical information. Airâwa Sâdât, mosque, p. 7; Fathpûr, tomb and mosque of 'Abdu Samad Khân, A.H. 1121 (1709), pp. 13-14; Garhi Jâr, pp. 17 and 36; Hathgânw, temple rearranged as mosque, pp. 20-21; Khajuha, sarai and mosque, pp. 22-23; Mughal bridge, p. 24. Kora, pp. 24-25 and 36; Malwa, mosque, imambara, etc., p. 26.

GUPTA, ASUTOSH. Ruins and Antiquities of Rámpál. *Journ., Asiatic Society of Bengal*, Vol. LVIII, Pt. I, pp. 12-27, with 1 plate. 1889

GURLITT, CORNELIUS. Geschichte der Kunst. Large 8vo., 2 vols.

Beigsträsser, Stuttgart, 1902

See Band I, pp. 403-405, with 1 plate; Die mohammedaner Indiens, pp. 643-646; Die mohammedanische Kunst in Osten, pp. 677-685.

HAIG, MAJOR T. W. Inscriptions in Gulbarga. *Epigraphia Indo-Moslemica*, 1907-8, pp. 1-10. [1908]

————— Some Inscriptions in Berar. *Epigraphia Indo-Moslemica*, 1907-8, pp. 10-21, with 1 plate. [1908]

I. Gáwilgarh. II. Narnála, with plate of the Muhammadí or Máhákali gateway of the fort. III. Akola. IV. Bálápúr. V. Pútár Shaikh Bábú. VI. Malkápúr. VII. Mehkar. VIII. Shakarkhelda or Fathkeldá. IX. Rohankhed. X. Bārsi Tákfi. XI. Sirpúr.

————— An Inscription in the Fort of Daulatábád. *Epigraphia Indo-Moslemica*, 1907-8, pp. 21-23. [1908]

————— Inscriptions in Hyderabad and Golconda. *Epigraphia Indo-Moslemica*, 1907-8, pp. 23-29. [1908]

HAVELL, E. B. Indian Architecture: its Psychology, Structure, and History, from the first Muhammadan Invasion to the present day. 8vo., pp. xx and 260, with 129 plates and 49 figures.

Murray, London, 1913

HENDLEY, THOMAS HOLBEIN. The Jey-pore Guide. 12mo., pp. vii, 146, xi and 6, with 18 plates (line drawings).

Jey-pore, 1876

Architecture at Jaipúr and Amber.

————— Memorials of the Jey-pore Exhibition. Impl. 4to., 4 vols.

Griggs, London, 1884

See Vol. I. pp. 68-70. and Vol. III. plates CLXXXVI. CLXXXVII and CXCIV.

————— Decorative Art in Rajputana. *Journ., Ind. Art.* Vol. II, pp. 43-50, with 10 plates (7 coloured). 1888

On the palaces of Jaipúr and Amber.

HENDLEY, THOMAS HOLBEIN. Ulwar and its Art Treasures. Sm. folio.

Griggs, London, 1888

Plate XIX: Mausoleum at Tejara. See also plates XXVI and XXVII.

HODGSON, COL. J. A. Memoir on the Length of the Illahee Guz, or Imperial Land Measure of Hindostan. *Journ., Roy. Asiatic Society*, Vol. VII, pp. 42-63, with 1 large folding plate. 1843

With a view to determine this he carefully measured the Taj and its garden, a plan of which is given on the plate. There are two tables of measurements of different parts of the Jāmi' Masjid, Moti Masjid, Taj Mahal, and the Fort, for the purpose of deducing the relative proportions of each. Also extracts from the Shāhjahān Nāma, by Muḥammad Sāliḥ Kumbo.

HOPE, T. C. Surat, Broach, and other old cities of Goojcrat, photographed by Lindley and Warren; with brief descriptive and architectural notes. Sm. folio, pp. [i] and 8, with 23 plates (20 of which are mounted photographs) and 6 figures (plans).

The Oriental Press, Bombay, 1868

HORN, PAUL. Muhammadan Inscriptions from the Sūba of Dihlī. *Epigraphia Indica*, Vol. II, pp. 130-159, with 3 plates. 1894

Dating inscriptions of mosques, etc., at Jhajhar, Pānipat, Sewāh, Sonpat, Rohtak and Mahim. Khōkarakōt, Bohm, Hiṣār Firōza, Barwāla, Fathābād, and Hānsi.

————— Muhammadan Inscriptions from Bengal. *Epigraphia Indica*, Vol. II, pp. 280-296, with 2 plates. 1894

Dating inscriptions on mosques, etc., at Bhāgalpūr, Hazrat Pandwa, Gaur, Mahdipūr, Khandkartola (Shérpūr), Bihār, and Munér.

————— Muhammadan Inscriptions from the Sūba of Dihlī. No. II. *Epigraphia Indica*, Vol. II, pp. 424-437. 1894

Dating inscriptions on mosques, etc., at Fathābād, Hiṣār, Hānsi, Bhaṇḍā, and Rohtak.

HORNE, C. Notes on the Jumma Masjid of Etawah. *Journ., Asiatic Society of Bengal*, Vol. XXXVI, Pt. 1, pp. 74-75, with 1 folding plate. 1867

HOROVITZ, J. A list of the published Mohamedan Inscriptions of India. *Epigraphia Indo-Moslemica*, 1909-10, pp. 30-144. 1912

HOROVITZ, The Inscriptions of Muhammad ibn Sâm, Quṭbuddin Aibeg, and Iltutmish. *Epigraphia Indo-Moslemica*, 1911-12, pp. 12-34, with 28 plates. 1914

Quwwat ul Islâm Mosque and Quṭb Minâr, Delhi; tomb of Shâh Ni'matullâh Shahid in fort at Hânsi; Aṣḥai dîn kâ jhonpra Mosque at Ajmîr; Jâmi' Masjid, Budâôn; mosque at Hânsi; mosque at Bilgrâm; tomb at Malikpûr; 'Idgâh at Hânsi.

HOUGHTON, CAPT. [Photographs of Tomb at Tatta.] Oblong 4to., 11 plates, no text. [1859]

HUGHES, A. W. A Gazetteer of the Province of Sindh. 8vo., pp. viii and 898, with 13 plates and folding map in pocket. Bell, London, 1874.

———Do. Second edition. 8vo., pp. xi and 946, with 13 plates and map. Bell, London, 1876

d'HUMIÈRES, ROBERT. L'Islam monumental dans l'Inde du Nord. *Gazette des Beaux Arts*, 3e période, tome XXV, pp. 277-291, with 6 illustrations; tome XXVI, pp. 123-138, with 7 illustrations; pp. 299-317, with 9 illustrations. 1901
Delhi, Fathpûr Sikri and Agra.

IMPEY, CAPT. E. C. Delhi, Agra, and Rajpootana, illustrated by eighty photographs. Folio, pp. [i] with explanatory note under each photograph.

Cundall, Downes, and Co., London, 1865
Delhi, 18 photographs; Agra, 9; Sikandra, 4; Amber, 4.

IRVINE, WILLIAM. Note on an Inscription from Shamsâbâd, Fârûkhâbâd District, N.-W. P. *Proceedings of the Asiatic Society of Bengal*, 1894, pp. 76-77. 1894

Inscription from a mosque, dating it by *abjad* A. H. 702 (1302-3).

JACOB, COL. S. S. Trellis Work in Chunam. *Professional Papers on Indian Engineering*, Vol. V, pp. 303-304, with 2 plates and 1 figure. Roorkee, 1868

JACOB, COL. S. S. Jeypore Portfolio of Architectural Details. Issued under the patronage of His Highness Maharaja Sawai Madhu Singh of Jeypore. Large folio, 6 vols. and folio, 6 vols., as under :—

Part I, Copings and Plinths, pp. [6], with 52 plates (1 col.).

Part II, Pillars—Caps and Bases, pp. [6], with 79 plates (1 col.).

Part III, Carved Doors, pp. [4], with 66 plates (11 col.).

Part IV, Brackets, pp. [4] with 68 plates (2 col.).

Part V, Arches, pp. [4], with 58 plates (10 col.).

Part VI, Balustrades, pp. [4], with 50 plates (1 col.).

Part VII, String and Band Patterns, pp. [8], with 64 plates (13 col.).

Part VIII, Wall and Surface Decorations, pp. [7], with 61 plates (2 col.).

Part IX, Dados, pp. [8], with 61 plates (37 col.).

Part X, Parapets, pp. [8], with 49 plates (17 col.).

Part XI, Chatris and Domed Roofs, pp. [3], with 56 plates (1 col.).

Part XII, Jharokas or Balcony Windows, pp. [3], with 48 plates.

Griggs : Quaritch : London, 1890-1913

Includes large scale details of a great number of Muhammadan buildings at Agra, Ahmedâbâd, Ajmîr, Amber, Bijâpûr, Bunnur, Burhânpur, Broach, Delhi, Fathpûr Sikri, Gwalior, Jaunpur, Jhavindwada, Kalpi and Lahore.

JAMES, H. E. M. Sind as a Field for the Naturalist and Antiquarian. A lecture delivered at the Dayaram Jethmal College, Karachi, on the 19th July 1893. 8vo., pp. [i] and 27.

"Mereantile" Press, Karachi, 1893

JARRET, H. S. Note on an Inscription on an ancient Mosque in Koh Inâm, Zillah Allahabad, sent by A. M. Markham. *Proceedings of the Asiatic Society of Bengal*, pp. 72-73. 1880

Dated A.H. 786 (1384).

KITTOE, MARKHAM. Illustrations of Indian Architecture from the Muhammadan Conquest downwards, selected from a portfolio of architectural drawings, prepared with much care, and principally by regular measurements, from buildings at Agra, Delhi, Juanpur, Benares, Chunar and numerous other places in Upper India. Oblong folio, pp. [i], with 47 lithographic plates and explanatory text to the first 12. Thacker, Calcutta, 1838

KUHN, DR. P. ALBERT. Geschichte der Baukunst. 4to. 1909
See pp. 368-374, with 1 coloured plate, and figs. 632-638.

L., M. The Early History of Multan. *Calcutta Review*, Vol. XCI, pp. 389-400; XCII, pp. 229-261. 1890-91

Contains a considerable amount of architectural information, especially XCII. pp. 245-259.

LANGLÉS, L. Monuments anciens et modernes de l'Hindoustan. Folio, 2 vols. Didot, Paris, 1821

Mosque built by Aurangzib at Aurangâbâd tome II. pp. 146. with plate; Mausoleum of the Muhammadan dynasty at Mysore, II, pp. 43-47. with 1 plate.

LA TOUCHE, T. D. [Letter on an ancient plan of Bhakar with parts of Rohri and Sukkur.] *Proceedings of the Asiatic Society of Bengal*, pp. 69-74. 1895

Gives a list of 99 buildings marked on the plan.

* LA ROCHE, EMANUEL. Indische Baukunst Herausgegeben unter Mitwirkung von Alfred Sarasin. Mit einem Geleitwort von Heinrich Wölfflin und einem Literatur Verzeichniss von Emil Gratzl. Folio, 3 vols., with 125 plates (12 coloured) and 555 figures, and atlas folio, 3 vols., with 40 plates (3 coloured). Bruckmann, München, 1921

Limited to 226 numbered copies.

LE BON, DR. GUSTAVE. Les Civilisations de l'Inde. Ouvrage illustré de 7 chromolithographies, 2 cartes et 350 gravures et

héliogravures d'après les photographies, aquarelles et documents de l'auteur, 4to., pp. vii and 743. Firmin-Didot, Paris, 1887

Architecture hindo-musulmane, pp. 532-546, figs. 218-276 and 1 coloured plate.

LE BON, DR. GUSTAVE. Les Monuments de l'Inde. Ouvrage illustré d'environ 400 figures : héliotypies, dessins, cartes et plans, exécutées d'après les photographies et les documents de l'auteur. Impl. 4to., pp. 254. Firmin-Didot, Paris, 1893

Includes Agra, Ahmadâbâd, Ajmîr, Bijâpûr, Delhi, Fathpûr Sikri, Gaur, Golconda, Lahore and Sikandra, all well illustrated.

LYON, CAPT. Notes to accompany a series of photographs designed to illustrate the Ancient Architecture of Western India. Taken for Government, and described by Capt. Lyon. 4to., pp. 19. Carey, Geneva, 1871

Bijâpûr. Karli, Ambornath, Surat, Ahmadâbâd and Palitâna.

I have never met with the set of photographs referred to, although I have seen it once in a bookseller's catalogue. The text-volume above is extremely rare.

MACKENZIE, CAPT. H. On the Antiquities of Guzerat. *Journ., Asiatic Society of Bengal*, Vol. XXXIII, pp. 402-406. 1864

[Supplementary to the above.] Inscription on the Maqbara at Hailan. *Ibid.*, pp. 549-551, 1864. A transliteration without translation.

MACKINTOSH, CAPTAIN. On an Indian method of constructing Arches. *Asiatic Researches*, Vol. XIV, pp. 476-479, with 1 folding plate. 1822

With practically no centring, but different from the Mesopotamian method.

MACLAGAN, GENERAL ROBERT, R.E. The Building Arts of India. *Journal of the Society of Arts*, Vol. XXIX, pp. 516-525. 1881

A general survey of all periods and styles. Reprinted in the *Architect*, Vol. XXV, pp. 325-327. 355-356.

MAINDRON, MAURICE. L'Art indien. 8vo. pp. ix and 314, with 153 illustrations.

May, Paris, [1898]

L'architecture musulmane, pp. 99-109, with 5 illustrations.

* I have only seen the prospectus of this work.

MAISEY, LIEUT. F. Description of the Antiquities of Kálinjar. *Journ., Asiatic Society of Bengal*, Vol. XVII, Pt. I, pp. 171-201, with 18 plates. 1848

Alam Darwâza, built by Aurangzib, A.H. 1084 (1673-4), pp. 173-174, no illustration.

MEGHARÂJA, *Kânûngo of Rotâs*. *Târîkh i Rotâs*. 8vo., pp. 112, with 1 folding map and 1 folding plate. Lith. Jamil Press, Jehlam, 1861

An account of the fort of Rotâs, and of the Ghakkar and other tribes residing in the neighbourhood.

MOHAMMED DJINGUIZ. L'Islam dans l'Inde. *Revue du Monde musulman*, tome VI, pp. 85-118, with 23 illustrations. 1908

Includes illustrations of mosques at Colombo and Rangoon.

MONMOHAN CHAKRAVARTI. Bengali Temples and their General Characteristics. *Journ. Asiatic Society of Bengal*, New Series, Vol. V, pp. 141-164, with 13 illustrations. 1909

Includes notes on Muhammadan buildings.

Pre-Mughal Mosques of Bengal. *Journ., Asiatic Society of Bengal*, New Series, Vol. VI, pp. 23-38, with 5 illustrations. 1910

MUHAMMAD 'ABD AL-GHAFCR, *Dihlâvi*, *Dûrbîn i 'âlam*. 8vo., pp. 54 and 124 pp. of illustrations. Lith.

Star of India Press, Delhi, 1883

A list of 800 important buildings, mosques and places of interest to Muhammadans in India, with a brief description and an illustration of each.

MUHAMMAD 'ALI, *Kazi*. The History of a deserted town. [Sultanpur, Oudh]. 8vo., pp. 42.

Rohilkhund Printing Press, Bareilly, 1894

MUHAMMAD SHU'AIB, *Maulvi*. Inscriptions from Palwal. *Epigraphia Indo-Moslemica*, 1911-12, pp. 1-4, with 2 plates. 1914

MUKHERJI, POORNO CHANDER. Report on the Antiquities in the District of Lalitpur, N.-W. Provinces, India, Illustrated by 13 diagrams and 98 plates. Vol. I., Text and diagrams. Vol. II., Plates. Impl. 4to., pp. vii and 39 with 13 plates of diagrams; pp. iii with 97 plates and a folding map.

Thomason Engineering College Press, Roorkee, 1899

Muhammadan Monuments at Chanderi Hajirâ Darwâza, Jâmi' Masjid, Katti Ghatti, Koshuk Mahal and Madrasa, pp. 15-16 and plates 53-59.

MURRAY, A. H. HALLAM. The High-Road of Empire: water-colour and pen-and-ink sketches in India. 8vo., pp. xxix and 453, with 47 coloured plates and 106 illustrations, (mostly architectural).

Murray, London, 1905

Bijâpûr, Allâhâbâd, Agra, Fathpûr Sikri, Delhi, Lahore, Ajmir, etc.

NAIRNE, A. K. Musalmân Remains in the South Konkan. I.—Dâbhol. II.—Ports south of Ratnâgirî. III.—Chaul. IV.—The Fort of Korlê. *Indian Antiquary*, Vol. II, pp. 278-283, pp. 317-322; Vol. III, pp. 100-102, pp. 181-182. 1873-4

NAPIER AND ETTRICK, LORD. The Fine Arts in India. Part I.—Architecture. A Lecture delivered before the Native Christian Literary Society, November 25, 1869. 8vo., pp. 25. Foster Press, Madras [1869]

Do. With introduction and notes by K. Deighton. 8vo. pp. [iii], 29 and 23.

Thompson, Madras, [1894]

OERTEL, F. O., *F.R.I.B.A.* Indian Architecture and its Suitability for Modern Requirements. *Asiatic Quarterly Review*, New Series, Vol. II, pp. 376-406. (Proceedings of the East India Association.) 1913

ORLICH, LEOPOLD VON. Reise in Ostindien in Briefen an Alexander von Humboldt und Carl Ritter. 4to., pp. xvi and 298, with 22 plates (10 coloured) and many illustrations.

Mayer und Wigand, Leipzig, 1845

The 10 coloured plates are reproductions of native drawings of the Tâj, Great Mosque at Delhi, etc., and are similar in style to the plates in Sleeman's *Rambles and Recollections*.

Travels in India, including Sind and the Punjab. Translated from the German by H. Evans Lloyd. 8vo., 2 vols., pp. xv and 278; vii and 314. With 2 plates (1 coloured) and many illustrations.

Longmans, London, 1845

OUSELEY, G., and CAPT. W. G. DAVIES. Report on the Revised Settlement of the Shahpore District in the Rawulpindee Division. 8vo., pp. ix, 129, xxxvii and 23, with 1 large folding plate and 4 large folding maps. Punjab Printing Co., Lahore, 1866

"Lists of Objects of Antiquarian Interest in the Shahpore District," Appendix, pp. 8-9.

PEPPE, T. F. [Notes on a gift of photographs of the Antiquities of Bihar.] *Proc. Asiatic Society of Bengal*, pp. 251-276. 1871
Shâhâbâd (Sasseram), pp. 272-276.

PORTFOLIO OF INDIAN ART. 4to., 28 parts, 47 coloured or tinted plates (9 double), no text. London, [1881-1886]

Part 11, 2 plates: Arch of screen, Arhai-din-ka Jhonpra Mosque, Ajmer; Blind trellis window, Ahmedabad. Part 13: Fresco decoration, Mosque of Wazir Khân, Lahore. Parts 14-22: Details of inlay, Taj Mahâl, Agra. Part 28: Carved and pierced sandstone window, Sidi Sayid's Mosque, Ahmedabad.

RAKHAL DAS BANDYOPÂDHÛYÂ. Saptagrâma or Sâtganw. With a note on a new inscription of Alâuddin Husain Shâh by Dr. T. Bloch, Ph.D. *Journ., Asiatic Society of Bengal*, New Series, Vol. V, pp. 245-262, with 9 plates. 1909

Dating inscriptions of mosques, etc., at Pandwa and Triveni.

RANSOME, JAMES, F.R.I.B.A. European Architecture in India. *Journ. of the Roy. Inst. of Brit. Architects*, Vol. XII, *Third Series*, pp. 185-204, with 17 illustrations. 1905
Contains notes on Muhammadan buildings.

RASHBIHARI BOSE. An Account of Copilmoonee, Jessore, and its Antiquities, in connection with the Fair held there in March, 1868. *Proc. Asiatic Society of Bengal*, pp. 297-298. 1870

Dating inscription on the Bonhara Mosque A.H. 908 (1502).

REHATSEK, E. Sangamner Inscriptions. *Indian Antiquary*, Vol. IV, pp. 349-350. 1875
On the Gumbaz of Khwâjah Muhammad Sâdiq, A.H. 1070 (1659-60).

REHATSEK, E. Three Inscriptions from Raichor. *Indian Antiquary*, Vol. XI, pp. 129-131. 1882

Dating inscriptions on various bastions of the fort of Raichor, A.H. 978 (1570), A.H. 1018 (1609), and A.H. 1029 (1619).

RICHARDSON, A. Description of the Fort of Galna, in Khandeish. *Journ., Bombay Branch, Royal Asiatic Society*, Vol. VI, pp. 143-145. 1831

RIVETT-CARNAC, H., C.I.E., F.S.A. Archæological Notes on a March between Cawnpore and Mainpuri, N.-W. Provinces, during the Camping Season of 1879. *Indian Antiquary*, Vol. VIII, pp. 100-104. 1879
Remains at Kanauj, etc.

ROBERTS, A. A. An account of the Great Mosque at Khirkee together with some mention of the other Mosques built by Khan Jehan, son of Khan Jehan, in the reign of Feroze Shah. *Journal of the Archaeological Society of Delhi*, pp. 60-63. 1850

ROBIE, JEAN. Une ville abandonnée. Fragment d'un voyage dans l'Inde. *Bulletins de l'Acad. Royale de Belgique*, 3me série, tome XXI, pp. 59-73. 1891

Also published in *L'Art*, tome L, pp. 72-75.
An account of Amber.

RODGERS, CHAS. J. Revised List of Objects of Archæological Interest in the Punjab. Compiled from Returns sent in by Deputy Commissioners of Districts, from Old Lists of the Public Works Department and from Reports of the Archæological Survey. 4to., pp. [iii], 95 and vi. Ball, Lahore, [1904]

ROSE, H. A. Muhammadan Shrines in Kurram. *Indian Antiquary*, Vol. XXXIV, "Miscellanea," pp. 268-271. 1905

ROUSSELET, LOUIS. L'Inde des Rajahs, voyage dans l'Inde centrale et dans les Présidences de Bombay et du Bengale. Ouvrage contenant 317 gravures sur bois dessinées par nos plus célèbres artistes et six cartes. Impl. 4to., pp. 807.

Hachette, Paris, 1875

ROUSSELET, LOUIS. India and its Native Princes. Travels in Central India and in the Presidencies of Bombay and Bengal. Carefully revised and edited by Lieut.-Col. Buckle. Containing 317 illustrations and 6 maps. Impl. 4to., pp. xviii and 579.

Chapman and Hall, London, 1876

SALADIN, H. Manuel d'art musulman, I.—L'Architecture. 8vo. Picard, Paris, 1907

Chap. VI.—"École indoue," pp. 545-579, with 21 illustrations.

SCHERMAN, L. Zur spätindischen Kunstgeschichte. *Allgemeine Zeitung*, 12. Juni, Beilage 133, pp. 476-479. 1902

An article on E. W. Smith's *Moghul Architecture of Fathpur Sikri and Moghul Colour Decoration of Agra*, [q. v.].

SCHOENFELD, DAGOBERT. Die Mongolen und ihre Paläste und Gärten im mittleren Gangestale. *Zeitschr. d. Deutschen morgenländischen Gesellschaft*, Band LXVI. 1912

SIEVERS, JOHANNES. Bilder aus Indien. 65 photographische Originalaufnahmen mit einer Einführung. Square 8vo., pp. 66, with 65 plates. Cassirer, Berlin, 1911

"Muhammedanische Baukunst," pp. 37-66.

SIMPSON, WILLIAM. On the Architecture of India. *Papers read at the Roy. Inst. of Brit. Architects*, Vol. XII, pp. 165-178. 1862

SLEEMANN, LT.-COL. (afterwards Maj.-Genl.) W. H. Rambles and Recollections of an Indian Official. 8vo., 2 vols., pp. xii and 478, with 7 coloured plates; pp. viii and 459, with 25 coloured plates.

Hatchard, London, 1844

——— Do. Republished by A. C. Majumdar. 8vo., 2 vols., pp. xi and 351; pp. v and 339. Mufid-i-am Press, Lahore, 1888

A roughly executed reprint, with many misprints. Very scarce.

——— Do. A new edition. Edited by Vincent Arthur Smith. 8vo., 2 vols., pp. xxxvi and 447, with folding map; pp. ix and 368. Constable, London, 1893

SLEEMANN, LT.-COL. W. H. Do. Revised annotated edition by Vincent A. Smith. 8vo., pp. xxxix and 667, with folding map. Milford, London, 1915

Only the first edition contains the native architectural drawings, but the last is of importance, on account of the valuable archaeological notes of the late Vincent Smith on Delhi, Agra and Fathpūr Sikri.

SMITH, EDMUND W. Detail Drawings by the Archaeological Survey of N. W. Provinces and Oudh. *Journ., Ind. Art.*, Vol. IV., pp. 13-14, with 4 plates. 1891

Door of fort at Urcha, of shisham wood studded with iron spikes, (2 pl.); red sandstone screen at Fathpūr Sikri, (1 pl.).

——— Chaurasi Gumbaz, Kalpi, N.W. Provinces. *Journ. Ind. Art.*, Vol. V, pp. 49-50, with 8 plates. 1893

——— Portfolio of Indian Architectural Drawings. Part I. [All published.] Prepared by Edmund W. Smith. Issued by the Government, North-West Provinces and Oudh. Photo-lithographed by W. Griggs. Folio, pp. [iii], with 52 plates (2 coloured). Supdt., Govt. Press, Allahabad, 1897

——— Akbar's Tomb, Sikandarrah, near Agra, described and illustrated. Roy. 4to., pp. ii and 35, with 64 plates (27 coloured).

Supdt., Govt. Press, Allahabad, 1909

SMITH, VINCENT A. A History of Fine Art in India and Ceylon from the earliest times to the present day. 4to., pp. xx and 516, with 5 coloured plates and 381 illustrations. Clarendon Press, Oxford, 1911

The Indo-Muhammadian Styles of Architecture, pp. 391-420, with 20 illustrations.

STAPLETON, H. E. Note on Seven Sixteenth Century Cannon recently discovered in the Dacca District. *Journ., Asiatic Society of Bengal*, New Series, Vol. V, pp. 367-375, with 3 plates. 1909

Addenda: Notes and dating inscriptions of mosques, one at Egāro Sindhu, dated A. H. 1062 (1651), another at Parūlia (Dacca District), dated A. H. 1126 (1714).

SUMMERS, A. Statistical Report of Cam-
bay. 8vo., pp. 36, with 2 figures and a
double-page facsimile of an inscription.

Bombay Education Society's Press, 1854

*Selections from the Records of the Bombay
Government.* No. IV.—New Series.

Jāmi' Masjid, dated A. H. 725 (1308), p. 21,
with facsimile of the inscription of 15 lines.

T., T. N. The Antiquities of the Kurnool
District. *Calcutta Review*, Vol. CIX, pp.
45-53. 1899

Mosques and tombs, p. 52.

TEMPLE, SIR RICHARD, Bart., G.C.S.I.
Picturesqueness in Reference to Architecture.
*Transactions of the Roy. Inst. of Brit.
Architects*, Vol. V, New Series, pp. 53-76,
with 5 plates and 10 illustrations. 1889

Synopsis: *The Architect*, Vol. XLI, pp. 85-87.

For verbatim report of discussion, see the
Journal of Proceedings, Vol. V, pp. 144-147.

VILLIERS-STUART, CONSTANCE M. Indian
Garden-Palaces. The Garden-Palaces of
Nishat Bagh and Shalimar Bagh (H. H. the
Maharaja of Kashmir), and Deeg (H. H.
the Maharaja of Bharatpur). *Country Life*,
Vol. XXXVII, pp. 827-832, with 9 illus-
trations. 1915

VOGEL, DR. The Jahazi Mahal at Shuja-
bad. *Journ. Ind. Art.*, Vol. X, pp. 37-41, with
6 double plates (5 coloured). 1904

Built A. D. 1808.

WATERHOUSE, COL. J. [Dating inscrip-
tions of Ghiyas-ud-Din Balban, one from a
fort at Manglaur.] *Proceedings of the Asiatic
Society of Bengal*, pp. 2-4. 1891

WATSON, COL. J. W. Translation of the
twenty-four Persian Inscriptions of Panhāla.
Gazetteer of the Bombay Presidency, Vol.
XXIV, pp. 422-425. Bombay, 1886

Mostly dating inscriptions, ranging from A.H.
806 (1403-4) to A.H. 1088 (1677-8).

WATT, SIR GEORGE. Indian Art at Delhi,
1903. Large 8vo. Murray, London, 1904

Architectural stone-work—balconies, lattices,
etc., pp. 65-71, with 3 plates. Inlay, pp. 76-79,
with 2 plates. Plaster-of-Paris and cement
work, pp. 95-97. Architectural wood-work, doors,
tympanums, etc., p. 102 ff., with several plates.

WESTLAND, J. A Report on the District of
Jessore: its antiquities, its history, and its
commerce. 8vo., pp. iii, ii, 293 and v, with
3 folding plates (architectural) and a map.
Bengal Secretariat Office, Calcutta, 1871
Antiquities: pp. 14-63.

WESTMACOTT, CAPT. G. E. A short account
of Khyrpoor and the Fortress of Bukur, in
North Sind. *Journ., Asiatic Society of Bengal*,
Vol. IX, pp. 1090-1113, 1187-1210. 1840
On the fort, pp. 1200-1203.

WETZEL, FRIEDRICH. Islamische Grabbau-
ten in Indien aus der Zeit der Soldaten-
kaiser, 1320-1540. Mit ein Kartenskizze von
Alt-Delhi und 350 Abbildungen auf 83 Tafeln
und im Text. Sm. folio, pp. iv and 112.

Hinrichs, Leipzig, 1918

*Wissenschaftliche Veröffentlichungen der Deut-
schen Orient-Gesellschaft*, Bd. XXXIII.

WISE, DR. J. Notes on Sunárgāon, Eastern
Bengal. *Journ., Asiatic Society of Bengal*,
Vol. XLIII, Pt. I, pp. 82-96, with 1 folding
plan and 1 plate. 1874.

YAZDANI, G. Narnaul and its Buildings.
Journ. Asiatic Society of Bengal, New Series,
Vol. III, pp. 581-586; 639-644. 1907

VIEWS.

PANORAMA OF THE CITY OF DACCA. Oblong
8vo., a folding coloured lithograph about
17 feet long. Dickenson, London, [1847 ?]

COLEBROOK, LT. R. H. Twelve Views of
Places in the Kingdom of Mysore, the
Country of Tippoo Sultan, from drawings
taken on the spot. Folio, 12 double plates
(coloured), explanatory text interleaved.
Second edition. Orme, London, [1805]

1st edition, London, 1794.

"The Mausoleum of Hyder Aly Khan at
Laulbaug," plate 10.

DANIELL, THOMAS. *Oriental Scenery*. [First Series.] Twenty-four Views in Hindoostan, taken in the years 1789 and 1790; drawn and engraved by Thomas Daniell. Text: 8vo., pp. 47; Plates: atlas folio, 24 aqua-tints. London, 1795[-97]

See I.—Eastern Gate of the Jumma Musjed, at Delhi. III.—The Cotsea Bhaug, on the River Jumna, at Delhi. IV.—Ruins of the Ancient City of Gour. VI.—The Chalees Satoon, on the Jumna side of the Fort of Allahabad. VII.—Remains of an ancient building near Firoz Shah's Cotillah, at Delhi. VIII.—Part of the Palace in the Fort of Allahabad. IX.—The Gate leading to the Mausoleum of the Emperor Akbar, at Secundra, near Agra. XII.—The Mausoleum of Mucedoom Shah Dowlut, at Moneah, on the river Soane [XVIth century]. XIII.—Part of the Fort built by the Emperor Shere Shah, at Delhi. XVII.—Mausoleum of Sultan Chusero, near Allahabad [died A.D. 1621]. XVIII.—The principal gate leading to the Taje Mah'l, at Agra. XXII.—Mausoleum of Sultan Purveiz, near Allahabad. XXIII.—The Jumma Musjed, at Delhi. XXIV.—Gate leading to a Musjed, at Chunar Gur.

——— *Oriental Scenery*. [Third Series.] Twenty-four Views in Hindoostan, drawn and engraved by Thomas & William Daniell. Text: 8vo., pp. 28; Plates: atlas folio, 24 aqua-tints. London, 1801 [-1803]

See III.—Gate of the Loll Bhaug, at Fyzabad. IV.—Mausoleum of the Rance, wife of the Emperor Jehangire, near Allahabad. V.—The Punj Mahalla Gate, Lucknow. VI.—Mausoleum of Amir Khusero, at the ancient city of Delhi. VII.—Ruins [of a mosque] at Cannouge. VIII.—The entrance to the Mausoleums in Suldaun Khusero's garden, near Allahabad. IX.—A mosque at Juanpore. X.—Gate of a mosque, built by Hafez Ramut, at Pillibeat. XVI.—Palace of Nawaub Sujah Dowla, at Lucknow. XIX.—View . . . [showing mausoleums near that of Humayun]. XXIII.—Mausoleum of Kausim Solemanee at Chunar Gur. XXIV.—Mausoleum of Nawaub Asoph Khan, at Raje Mahel.

——— *Antiquities of India*. Twelve [24] Views from the drawings of Thomas Daniell, R.A., F.S.A., engraved by himself and William Daniell. Taken in the years 1790 and 1793. Text: 8vo., pp. 46; Plate: 24 aqua-tints. Bensley, London, 1800

See XV.—Exterior of an Eed-Gah near Chaynpore, Bahar. XXIII.—A Minar at Gour. XXIV.—The Cuttub Minar.

ELLIOT, CAPTAIN ROBERT, *R.N.* *Views in the East*; comprising India, Canton, and the shores of the Red Sea. With historical and descriptive illustrations. Folio, 2 vols., with 60 fine steel engravings, 4 pages of text to each plate. Fisher, London, 1833

Delhi, Agra, Fathpûr, Sikri, Bijâpur, etc.

FORREST, LT.-COL. *A Picturesque Tour along the Rivers Ganges and Jumna, in India*: consisting of twenty-four highly finished and coloured views, a map, and vignettes, from original drawings made on the spot; with illustrations, historical and descriptive. Impl. 4to., pp. v and 191.

Ackermann, London, 1824

See plate XXI.—Palace of the King of Delhi; XXII.—The Cuttub Minar in the Ruins of Ancient Delhi; XXIII.—Grand Gateway and Tomb of the Emperor Aeber at Secundra. XXIV.—The Taj Mahal.

GRINDLAY, CAPT. ROBERT MELVILLE. *Scenery, Costumes and Architecture, chiefly on the Western Side of India*. Folio, pp. [v], with 36 aqua-tints, explanatory text interleaved. Ackermann, London, 1826

Muhammadan monuments at Ahmadâbâd, Golconda, Mahmûdâbâd in Gujarât, Aurangâbâd, etc.

HARDINGE, HON. CHARLES STEWART. *Recollections of India*. Drawn on stone by J. D. Harding, from the original drawings by the Honourable Charles Stewart Hardinge. Part I.—British India and the Punjab. Part II.—Kashmir and the Alpine Punjab. Elephant folio, pp. [iv], with 26 plates, explanatory text interleaved.

M'Lean, London, 1847

Includes a view of the Palace at Delhi; a view of the Palace at Agra; Jâmi' Masjid, Agra; Tomb of Jahângir at Shâhdara; Hazâri Bâgh, Lahore; and the Mosque of Shâh Hamadân, Kashmir.

HILDEBRANDT, E. *Benares. Flussufer*. Facsimile-Chromo. 27 x 36 cm.

Hamburg, c. 1870

(To be continued.)

A FACTOR'S COMPLAINT FROM PORAKÂD IN 1665.

By SIR R. C. TEMPLE, Bt.

[MR. WILLIAM FOSTER has drawn my attention to the accompanying, rather amusing complaint about a cat and some pigeons belonging to a couple of English factors stationed at the little isolated factory of "Porqua," that is, Porakâd on the Travancore Coast, near Alleppey, in 1665. It was addressed to the President at Surat at that date, Sir George Oxenden and it is of value as showing the condition under which the servants of the East India Company had to pass their lives in India in the early pioneer days. Something of the kind prevailed in Upper Burma in our own time, in the first years of its occupation during the Third Burmese War in 1885-9, for I well recollect a petition to myself in Mandalay about 1888, which began—"Whereas my hen has a habit of laying its eggs on other people's gardens, and whereas X has kept my hen's eggs and refuses to deliver them up, I pray the Court to order X to give up my eggs to me."

As Mr. Foster's forthcoming volume of *English Factories in India* contains full details of the factories mentioned in the letter now reproduced, as well as accounts of the individuals who figure in the story, I have only added such brief notes as are necessary to elucidate the text.]

RIGHT WORSHIPFULL &CA., MY HONOURED FRIENDS.

Our last unto you was dated the 9th November last Per the *Royall Charles*, since whose dispeed wee have nothing of generall businesse worth your notice, and if there were, this conveyance is not very convenient to write any such matter, nay, am heartily sorry that I am forced to make use thereof, and allso that I must trouble you with so unseemly a matter, which you will find in these insuing lines, although there hath been no want in me to present the same, but now to my great greife am able to hold no longer.

The letter I sent you last yeare to the President was occasion'd upon the like story that this now is, the sending whereof Mr. Harrington knew very well, and might, if he had been minded to have written likewise. Therefore, whereas you say in your last to this factory you wonder that Alexander Grigbie mentioned nothing of Mr. Harrington,¹ the reason was because he was well and would not write himselfe, *vizt.* upon the 29th May last, being the Kings Coronation day, at which time I was extreame ill. Yet, about 4 a clock in the afternoon I went out into our Balcony, where wee commonly dine, at which time I found said Mr. Harrington looking upon a Silver hilted sword that he had newly made, and sitting down, I called to my servant for a boule of Congee (rice and water boiled together),² which to this instant is my chiefest licknor, and seeing them merry, had a desire to participate of their mirth, and began to drink to a Portugall that was in the company in my said liquor. Mr. Harrington, turning towards me, falsely accuses me that in those words I dishonoured him, he imagining that whereas I spake to the aforesaid Portugall, I had asked him to sell his sword, although all they that stood by knew and testified that there was no such word spoken; yet there was no perswading him.

To be short, he said I was what he pleased to call me, and strikes at my beare head with his naked sword, I having nothing to defend my selfe but my boule of Congee. Yet, by Gods mercy I had no hurt, only a small cutt' upon the backside of the finger on the left hand,

¹ John Harrington, who had been put in charge of Porakâd factory c. 1661. He and Grigsby had been previously stationed at Old Kâyal, near Tuticorin. (Information from Mr. Wm. Foster).

² Hind. *kânji*, Tam. *kânji*, water in which rice has been boiled, invalid 'slops,' gruel-used by sick Europeans in India.

the standers by preventing him from doing me any further mischiefé. Mr. Wade³ can testifie the thing, being present ; and the same evening finding ditto Wade asleep, cuts him over the Nose, because I had desired him to take notice of the aforementioned passages, who besides that, hath received (pooré man) severall' base usages at ditto Harringtons hands in the time he was with us. Yet, although this was not the first by many, I was contented to passé it with the rest, not so much as mentioning the same in the aforesaid letter to the President, expecting that your Worshipp &ca. would have fully granted me my petition without any restriction, for as long as there is life there is hope. Besides I was so farre from remembering those hare-brain'd stories, that considering that wee had lived 6 ycares (unfortunately) together, I was loth to leave him here alone.

But now he hath me all alone and sick, domineers worse then ever, although I have indeavoured all the wayes that possible I can to shunne these occasions by retiring my selfe, and at all times giving him his owne way and saying ; yet all this will not suffice him.

For being extreemely troubled with rats, in so much besides the damage they did my things, they allso bit my fingers, that I was not able to rest for them ; to remedy which I procured a cat. But first please to take notice that he brings up pigeons in our dwelling house, nay, they are commonly in the very place I lie, and, as he saith, my cat killed two of them. And a few dayes after this, spies the cat upon the house and shoots her. Whereupon I told him if I would, could put as much shot into something else of his that was then sitting by me, and that in killing ing my cat for going aloft upon our house he cleared his old malice, being naturall for all such creatures so to doe, who were farre more profitable and wholesome in a house then pigeons. Upon this he rises up and begins to spurne me maliciously in the belly (the effect of which I felt for some dayes after) with his foot, knowing the cheifest of my infirmity lay there, and having used me farther at his pleasure in like manner, then sets him down againe. If I would I was not able to resist him, for I had resolved before hand if any thing should happen againe not to doe any thing but wholly to referre my selfe and cause to your Worshipp &ca., who I am confident will not faile to doe me Justice herein. And if I were not certaine of that, although I have not at present sufficient strength, there wants not other wayes which I beseech God to withhold me from and replenish me with patience, seeing its my lot to have such a comforter in this my so tedious afflictions, though some times when these things comes in my mind, together with the force of my infirmity, were it not but that I am confident that you will order me satisfaction, I should sink down under this so heavy a burden, I being so ill fitted to beare it.

He is continually ubraiding both me and my relations in a most vile manner, both in publique and private, saying the other day I was but Mr. Travers butler at Caile,⁴ and what am I more here, and who am I to bring cats into the house, and that I was good for nothing but to , and that he had as absolute power as any prince. And thus he lords it over a poore Sick man, that the very people and servants cry out shame againe at him.

And because he doth assume to himselfe such power and to govern after such a rate, please to accept of a small peice thereof, and by that you may guesse what the rest is, for by the manner of it, it seems as if he were not to be accomptable to none but God for any actions done here. (He would faine be Royall but cannot indure a Royallist.)

³ Mr. Foster tells me he has only found one mention of Henry Wade, as a witness to a protest to the Dutch in 1664.

⁴ Walter Travers was head of the factory at Old Kāyal, established in 1658, and Harrington and Grigsby were his subordinates. Foster, *English Factories*, 1655-1660, pp. 218, 220.

First, as concerning the exercise of his religion. Wee have used it with such secrecy that there is none to this time knowes that we professe any, yea or no. Secondly, to this houre no accompts calculated or passed. Thirdly, orders or good houres here is none, for he sleeps not one night in 3 monthes in the factory. He hath also entertained the Portugall that came from Surat upon the *Royall Charles* for his companion, at the Companys cost.

As for me, he hath severall times told me if I were not contented, I might walk upon't, which now I hope you will not take amisse if I goe without bidding to winter in Caile Velha, [Old Kâyal], first, because this discontented life doth much augment my distemper. Secondly, this our factory is but as a choutry,⁵ not for a sick man to winter in, being within a stones cast of the Sea, so that I intend, God willing, in Aprill for that place, and in August will not faile to be here againe,⁶ before which time I hope wee shall heare from your Worshipp I may be fully ordered to imbarque for Surat upon the first shipp that shall touch at this port; for my flux is now turned to another disease common to many in these parts, and for want of good meanes, leaves very few untill they goe to their grave. The Portugall calls it Almeerama,⁷ or piles in the guts. Be it what God pleases, I feare it hath been so long upon me that I shall never recover my health perfectly againe, and that for want of meanes in time.

If I live untill September next, I shall have served the Honble. Company Seaven yeares, having hitherto received but 20 li., therefore intreat you to order me to receive what you shall think fitting. For the rest, I will not trouble you here againe with repe[titi]ons of our hard fortunes and losses, because it hath been formerly done, only say that our hap cannot be paralleled, intreating you to have that in remembrance.

And now craving pardon, although I could not make my greifes known unto you in fewer lines, not doubting but that your Worshipp &ca., will seriously consider this my case, so with presentation of my best service,

I rest

Porqua [Porikâd]
the 21th february,
1664-5.

Your Worshippes &ca., most humble servant,
to my power,
ALEXANDER GRIGBIE.

MISCELLANEA.

NOTE ON ONE OF THE AMARĀVATI
SCULPTURES IN THE COLOMBO MUSEUM.
BY THE LATE E. K. AYRTON, ARCHAEOLOGICAL
COMMISSIONER, ANURADHAPURA.

Prefatory Note.

[The late Mr. E. R. Ayrton, Archaeological Commissioner, Ceylon, wrote some time ago, a few valuable notes on a paper by Mr. R. Sewell, in Vol. XXXI of this *Journal*, showing that certain Buddhist sculptures now in the Colombo Museum must have come from Amarāvati. These notes, which support Mr. Sewell's contention, were for some reason never published, and a duplicate of them was found amongst Mr. Ayrton's papers. The duplicate has been forwarded to me by his successor, Mr. A. M. Hocart, together with three photographs of the sculptures concerned. These photographs

have already been published with Mr. Sewell's paper and the reader can refer to it. But the notes are published now for the first time—ED.]

Mr. R. Sewell in a paper published in 1907, entitled *Antiquarian Notes on Burma and Ceylon* (*ante*, XXXV, 293-299), pointed out the probable provenance of three pieces, two sculptures and one octagonal pillar, of light grey closely grained quartzite stone, which are in the Colombo Museum. He showed, on good grounds, that these three stones must have been carried off from the Amarāvati Tope in the Madras Presidency.

In this note I only propose to try and show what the subject of the sculptures on one of these stones (Plate II, fig. 4, in the article referred to above) represents.

⁵ An interesting South Indian term: a rest-house at four cross-roads: a public building. Tamil *shāvadi*; Malayal, *chāvati*, Can. *chāvadi*; Southern Hindustani, *chāwari*: old Anglo-Indian choutry, choultry, through Northern Indian influence: Hindi, *chautri*, a Court.

⁶ Grigsby did not get to Old Kâyal, as Harrington had to go there hurriedly on the death of Travers, in April 1664, to maintain the co.'s position. In July the unfortunate Grigsby was seized by the Dutch, who raided Porakâd, and carried him off to Cochin. (Information from Mr. Wm. Foster)

⁷ Port: *almorreimas*, hæmorrhoids

As Mr. Sewell has pointed out, this particular stone is carved in the cruder style of the older sculptures of the Amarāvati Tope.

Unfortunately, the slab lacks a corner, hut otherwise it is well preserved. In the foreground crouch three women in attitudes suggestive of deep sleep, and the arm of the fourth is just visible near the edge of the stone. Facing these, and lying on her *right* side on a couch, is a woman. Behind the couch stand four men, one of whom is armed with a long spear; two are unarmed, and of the fourth only the left shoulder is visible.

There can be little doubt that this represents the bedroom of Queen Mâyâ on the night of the conception of the Buddha.

According to the *Jātaka*, Mâyâ, on the night of Buddha's conception, saw in a dream the four Gods of the cardinal points raise her couch and carry it to the Anāvatapta lake where she bathed. She was then carried back again, and as she lay on her couch, the Bodhisattva, descending in the form of an elephant, entered her *right* side.

The traditional attitude of repose for Mâyâ at this moment was on her left side. So much so that in the Gandhāra sculptures "in sculpture No. 251 in the Rawlinson Collection at Peshawar . . . the sculptor having placed the head to the left, has been forced to draw the queen with her back to the spectator to avoid breaking the tradition" (Spooner, *Handbook to the Sculptures in the Peshawar Museum*, p. 6). And this case is not unique, since there is a small sculpture of the same period in the Lahore Museum which shows the queen lying on her left side with her back to the spectator.

The only exception to this rule which I have been able to find is on an old relief at Sānchi (Fergusson; *Tree and Serpent Worship*, Pl. XXXIII) where Mâyâ lies on her right side, the elephant hovering above. Possibly the tradition had not crystallised at that early period.

The Amarāvati sculptures, which show the scene with the elephant, all show the queen in the same traditional position, that is to say, lying on her *left* side. See Fergusson, *Tree and Serpent Worship*, Pl. LXXIV, and Pl. XCI, 4, p. 232, which represents Sudhodana and his friends.

It is extremely unfortunate that our stone should be broken at the top left hand corner, since had it been perfect and shown no elephant, the identification of the scene would have been simple.

An Amarāvati slab figured by Burgess (*Amaravati and Jaggayapetta Stupas*, Pl. XXVIII) resembles the Colombo sculpture. The chief exception is that

the four men are standing at the four corners of the couch instead of behind it. Only one of the four is armed; the queen lies on her *right* side as on our slab and the four women slumber in the foreground. It is interesting to contrast the carving and grouping on this slab, which is of the later Amarāvati style, with that of the Colombo example.

Writing of it, Dr. Burgess says: "Scene very frequently represented. It reveals the bedchamber of Mahā Mâyâ, the mother of Gautama the Buddha, on the night of her conception, with four female slaves in the foreground. She is represented asleep on her couch, and with four male figures at the corners of it who are the guardian *Devas* of the four quarters.—Vaiśravana of the North, Virupaksha of the West, Dhritarāshtra of the East and Virudhaka of the South—whom she saw in her dream take up her couch and bear it to the Himālayas, where their queens bathed her at the Anāwatapta lake."

It is undoubtedly this scene which is portrayed on our slab—the bedchamber of Queen Mahā Mâyâ just before her visit to the lake Anāwatapta.

Other representations of the conception of Buddha which throw light on this subject are the following :—

- (1) In Cunningham's *Bharhut Stupa*, Plate XXVIII is representative of Mâyâ Devi's Dream. She lies on her *right* side and an elephant is hovering above. Behind her head a female attendant stands with hands raised in prayer. Before her couch are two seated females, one with a *chauri*; both are apparently asleep. On p. 83, paragraph 2, Cunningham says: "A white elephant of the Chhadanta breed approached the princess in her sleep and appeared to enter into her womb by her *right* side." At p. 89 he says: "In Bharhut sculpture the princess is represented in the centre of the medallion sleeping quietly on her couch, with her right hand under her head, and her left hand by her side. The position leaves her right side exposed." The Princess was obviously meant to be lying on her back.
- (2) In *Tree and Serpent Worship*, Pl. XXXIII, Right hand pillar of E. Gateway (p. 145), "Mâyâ [is] asleep on the terrace of the palace, dreaming that a white elephant appeared to her and entered her womb."
- (3) In *Tree and Serpent Worship*, Pl. LXXIV Amarāvati: Mâyâ is on her left side on a couch the elephant far above her. Behind her a two women, and in front of her are five women 4 gods are at each corner." ¹

¹ [When preparing "India" for Hutchinson's illustrated *History of the Nations*, 1914, I drew Mr. R. B. Ogle's attention to the ancient sculptured representations of Mâyâ's Dream as reproduced in the above books, and this caused him to draw the spirited illustration shown at p. 118 of that work, which to my mind adequately represents the scene as it presented itself to the imagination of the ancient artists.—ED.]

THE ORIGIN AND EARLY HISTORY OF THE MERS OF MERWARA.¹

By LIEUT.-COL. JOHN HOSKYN, C.B.E., D.S.O.

THE Mers of Merwara are the Highlanders of Rajputana. Inhabiting a narrow strip of hilly country in the heart of that province, they have always maintained their independence against the attacks of the powerful Rajput States by which they are surrounded ; and a free and manly carriage, the hereditary badge of liberty, distinguishes them from the neighbouring tribes of bondsmen and tillers of the soil. For centuries before the coming of the British, the Mers not only held their own in the rocky fastnesses of the Arâvali Hills, but made active reprisals on the enemies who sought to subdue them.

Issuing from their narrow glens, parties of these lean caterans would speed North and East and West ; avoiding beaten roads and travelling by desert bye paths ; one or two of them mounted on small ponies, and leading other ponies with capacious sacks for the receipt of booty, but most of them on foot, each armed with a spear, a leather shield on his shoulder, and a short curved sword slung at his side. Thus they held on their way to some distant town or village, drowsing in the stagnant security of the plains ; where, that night, would be heard the shout of the startled watchmen, quickly stifled ; the cries of terrified bunnias, dragged from their beds and persuaded, without loss of words to produce their hoards ; the shrieks of women, and the hoarse cries of the plunderers ranging swiftly through the streets. The city of Ajmer, lying amongst their own hills, was a milk-cow to these wiry little marauders. They knew the secret paths by which they could swarm like bees into the Fort of Târâgarh, and they took toll of the marches of Bûndi, Shâhpura, Jodhpur and Udaipur up to the very walls of those cities.

Naturally, the proud Rajput States looked on these reivers with contempt, considerably tempered by exasperation. The small chiefs and Thâkurs whose lands lay at the foot of the hills, paid blackmail to the hillmen, and even sought to gain their friendship by giving them assistance and shelter when they needed it ; but the larger states scorned such terms as these. Jaipur, Jodhpur and Udaipur each claimed the over-lordship over different portions of the Mer country ; and several expeditions were sent by the Princes of those States to punish the "Crows," as they called the hillmen, and destroy their nests in the glens. But the Rajput warrior, brave as a lion in a galloping, sword and lance encounter in the open was never a hill-fighter ; his horse was useless to him in the narrow, rocky ravines and thick scrub-jungle of the mountains ; his lance could not reach the active enemies who swarmed on the hill-sides shooting arrows, hurling down boulders and charging home, sword in hand, when they saw an opening. The Rajput Armies were forced to retire ; the "Crows," squatting on the ridges above them, croaked cheerfully at the retreating cavalcades, and not many nights passed before the villages of the plains were again paying the penalty of their Prince's failure.

It was not until about a hundred years ago that these wild mountaineers were subdued by a British force ; and in due time a British Officer, a subaltern in the Bengal Artillery, Dixon by name came to rule over them. How this Gunner subaltern devoted himself to the service of this "new-caught sullen people" ; how he exorcised the "devil" in them, and taught the "child" that remained the elementary lessons of civilisation and discipline ; how with firm hand and kindly heart he won their devotion, once for all, to the British ; how he fought for them against political intrigue, when the Rajput Princes, seeing them tamed and, as they thought, broken, revived their old claims to their land ; how he lived among them, and how, finally,

¹ Reprinted from the *Journal of the United Service Institution of India*, Vol. L, April 1921.

he died among them, having seen the fruit of his work, when the Mers stood firm as a rock in the flood of the mutiny of 1857. and a loyal Mer Regiment marched into Ajmer. and defied the mutineers of Nasirabad to lower the British Flag in the chief city of Rajputana: all this is written, no mean page of it. in the Book of the Chronicles of the British Empire. But our business at present lies not with the modern history of the Mers, strangely interesting though it be, but with their origin and early history.

The Mers themselves have no historical records: all connection with the past, written or oral, except what exists in names and customs, was effaced during the centuries of anarchy which preceded the British occupation, and when the tribe returned once more to the paths of civilization they found it necessary to give an account of themselves which, in that country of exclusive castes and prehistoric genealogies, would fix the conditions of social intercourse with their neighbours. The hereditary Bards of the tribe rose to the occasion and produced a legend that the tribe was descended from a Chauhân prince, a grandson of Prithvî Râj, the last king of Ajmer. The legend says that this prince carried off a Mina girl of Bûndî, and married her, believing that she was a Râjpûtnî. When this mistake was discovered, she was expelled from her husband's home with her two sons Anhel and Anûp, and wandered into the Arâvali hills, where she found a refuge: and her sons became ancestors respectively of the Chîtâs and Barars, the two chief clans of the Mers. But the legend takes no account of the facts that the stock names of the Nâks or branches of the Mers are, not Chauhân alone, but Pañwar, Gahlot and Pariâr as well: and if any further proof is needed of the incorrectness, or at any rate incompleteness of the legend of the Bards it is contained in the Bardic chronicles of the Chauhâns themselves, which mention the Mers as a powerful fighting tribe long before the times of Prithvî Râj.

The accounts given by modern historians of the origin of the Mers do not as a rule go much beyond this legend of the Bards. Colonel Dixon in his sketch of Merwârâ accepts the legend, which he gives at great length, and traces the genealogy downwards through various mythical descendants of Anhel and Anûp; and this genealogy, on the strength of Dixon's acceptance of it, is to-day implicitly believed in by the Mers themselves.

Colonel Tod in the *Annals of Rajasthan* derives the name of the tribe from *meru*, a hill; and states, in one place, that the Mers are a branch of the Minâ tribe, and in another, that they are descended from the Bhattis of Jaisalmer. A Muhammadan historian of Ajmer mentions a vague legend from the Bardic chronicles of an ancient Mer Kingdom of Tanor, in Merwâr, from which the Mers were driven by the Râthors when the latter took possession of the country. A native Christian missionary named Manâwar Khân, who lived for 40 years in Todgarh carrying on missionary work among the Mers, and who therefore should have known better, published, about 1900, a small *History of the Mers of Merwârâ* in Hindi, in which he says that they are aborigines like the Bhils and Minâs, from whom they are distinguished by the fact that they have made more progress, socially, under the British, than those tribes have done under native rule. This theory, unfortunately, did not commend itself to the Mers, who solemnly burnt the book in a public assembly of the representatives of the tribe, and called the reverend author names which I should be sorry to repeat. Finally, Sir William Hunter in the *Imperial Gazetteer of India* dismisses the ancestors of the Mers with the remark that they were half-naked aborigines, careless of agriculture, and engaged in constant plundering expeditions into the surrounding States. "Up to 1818," he says, "the history of Merwara is a blank". It is necessary to go further afield to find the clue which connects this tribe of "half-naked aborigines" with an ancestry at least as ancient and as renowned as that of any other race in India.

The principal authorities on which I have based the following account are :—Elliott's *History of India*, Volume I, Professor Dowson's notes to the same ; Pandit Bhagvanlal's *Early History of Gujrat*, and the account of the Gujars given in Volume IX of the *Bombay Gazetteer*. The Rajput annals of Rājputānā and Kāthiāwār also furnish several references to the Mers, which complete and elucidate these accounts, and specially throw light on the subject of the connection of the Mers with the Rajputs.

At some period during the 5th century of the Christian era, when the Persian empire of the Sāsānids was being attacked by the White Huns or Ephthalites, and the great hordes of Central Asia were in a state of volcanic flux and turmoil, an upheaval took place in the regions of Northern Persia, on the confines of the ancient kingdoms of Georgia and Media, which resulted in a huge tidal wave of humanity being propelled Eastwards and Southwards toward the Frontiers of India. This Army or horde (*urdū*) was composed mainly of two tribes, the Gurjaras from Gurjistan (Georgia) and the Mihiras from Mihiristān, the land of the Sun, Media. Through the passes of the mountains this flood poured into the Panjab, and its further progress to the South-East being stemmed by the strength of the Hindu Kingdom of the Gupta dynasty established there, it followed the line of least resistance, turned South by the Indus valley, and spread over the deserts of Sind and Western Rajputana. In Sind it encountered the opposition of the great tribe of the Jats, themselves the jetsam of a former horde of Getae, or Goths, who had flooded the country in the same way some three centuries earlier, and were then settled on both sides of the river. The newcomers moved down the Eastern bank, driving the Jats across the river ; and, leaving a large colony of Mihiras to occupy the valley, they passed on into Kāthiāwār. Here the Mihiras appear to have remained, while the Gurjaras moved on and settled in the adjacent province, now known as Gujarāt. The name of the former tribe is variously written as Maitraka (belonging to Mitra=Mihira), Mihira, Med or Mand. This varied nomenclature has led to some confusion, and historians have not always recognised the tribe under the various names by which they are mentioned, but the arguments of Pandit Bhagvanlal Indraji have placed it beyond reasonable doubt that the modern Mhairs or Mers of Merwārā and Kāthiāwār are identical with the Maitrakas or Mihiras of the great migration.²

The period of the arrival of the horde of Mers and Gujars (to give them at once the names by which they are now known) was a critical one in the history of Hinduism. The ancient religion of the Brahmans had suffered from centuries of corruption, and had fallen into disrepute ; the doctrines of the Reformer Gautama, the Buddha, backed by the authority of the Mauryan emperor Aśoka, had swept the country from North to South. But with the Mauryan empire long fallen, and the elevation of the Gupta dynasty, the Brahmans saw an opportunity for recovering their lost supremacy. In the civilised regions of the North and East they were successful ; but in the West they encountered the vigorous opposition of the Jains, who had established themselves in great strength in the Western Kingdoms. By the active proselytism of the Jains on the one side, and the more carnal arguments of slings and arrows employed by the aboriginal Bhils on the other, the ranks of the Rajput Kshatriyas, on whom the Brahmans relied to defend their temporal power, were getting perilously thinned : and the opportunity of recruiting these ranks, by admitting the warlike strangers from the North to the privileges and responsibilities of the Kshatriya caste, was too obvious to be missed by the astute Brahmans.

² *Early history of Gujrat, Bm. Gazetteer*, Vol. I, Part I, p. 135.

There was nothing revolutionary in this proceeding, for many times in the history of Hinduism the same expedient has been resorted to.³ According to the strict law of Manu the higher caste of Hindus cannot be entered by foreigners or men of lower caste, except by the drastic process of re-birth. But has any human law-maker yet succeeded in defeating the ingenuity of his disciples? The acumen of the Pandits was not unequal to the twisting of this rule to suit the dictates of policy or of necessity. First of all, there was the discreet fiction, that the warlike neighbours were descendants of an original Kshatriya stock, who might regain their ancestral caste rights by returning to a devout observance of their religious duties, more especially those which enjoined the protection of Brahmans. Then again, according to Manu, a king is composed of particles drawn from the essence of the gods, and this applies not only to Hindu kings, but to all kings. The ruler even of a tribe of foreign invaders could therefore claim to be an emanation of divinity, and could hardly be denied the right, should he claim it, to rank as a Brahman or at the least a Kshatriya: and once admitted in his case, this right might quite logically be extended to his clan, whose origin was the same as his own. Under successive applications the letter of the law was finally broadened into the general rule, that "who acts as a Kshatriya, him you must consider a Kshatriya"⁴ Two well-known examples of the application of this rule in Western India, besides the Mers and Gujars, are the Chitpāvan Brahmans, who are said to be descended from a crew of foreigners shipwrecked on the Konkan coast; and the chiefs of the old Marāthā families, who have been admitted to the Kshatriya caste, although the Brahmans of Northern India still believe them to be of Persian origin.⁵

But was there anything to induce the chiefs of the invading tribes to put themselves and their followers beneath the Brahman yoke? Admission to the exclusive and jealously guarded caste of king-born warriors, over which hung the glamour of Rajput tradition and chivalry, was undoubtedly an inducement to the warlike barbarians: and the subtle Brahman well knew how to turn to account the common weakness of human nature, to desire most that which is most difficult to attain, without regard to its intrinsic value. But there was another powerful bond which attached the Mers to the Brahman cause and alienated them from their opponents. The Mers brought with them from Persia the worship of fire and of the Sun.⁶ *Mihir* in the ancient language of Persia, and *Mitra*, in Sanskrit, are names for the sun; and the names *Maitraka* and *Mihira* by which the Mers are known in the Hindu accounts of the great invasion, seem to connect this tribe in a particular manner with Sun-worship.⁷ They would therefore be naturally attracted to the side of the Brahmans (Chitpāvan), who were also Fire and Sun-worshippers, in opposition to the Jains and Buddhists, who had not only abandoned this worship themselves, but had forbidden its continuance in the territories where they held sway.⁸

In order to lend especial emphasis and *eclat* to the admission of this powerful reinforcement to the ranks of their defenders, the Brahmans determined to signalise it by performing the sacred rite of Initiation by Fire. This rite would appeal especially to the newcomers

³ *Bom. Gazetteer*, Vol. IX, Part I, pp. 434—452.

⁴ Wilford in *Asiatic Researches*, X, 91.

⁵ [There is this much to be said in favour of the "Brahmans." The Mers were probably quite as much "Kshatriyas" as the other "Rājput Kshatriyas" of the 5th century.—ED.]

⁶ See below for an account of the connection of the Magha Brahmans with the Magi.

⁷ Cf. *Mihirakula*, Child of the Sun, the title of the great White Hun ruler in Northern India in the early 6th century.

⁸ Gladwin's *Ain-i-Akbari*, II, 43.

as a sacrament of their own religion, and would emphasise their antagonism to the Jains, who had tried to stamp out fire-worship. Apparently it was reserved for the most solemn occasions only, and was seldom employed, except for the initiation of the Brahmans themselves. Something resembling it is said to have been employed at the initiation of the Chitpâvan Brahmans above referred to.⁹ Actual details of the rite are not known. Legend describes the scene on the sacred mountain of Abu, where the gods assembled in open Lodge round the great Agni-kund, or Fire-pit, which is still to be seen there. First Indra made an image of grass, sprinkled it with the water of life and threw it into the fire-fountain, muttering the Charm of Life slowly. From the flame arose a mace-bearing figure shouting "*Mâr. Mâr*". He was called the Parmâr or Foe-slayer. Next Brahmâ framed an image of his own essence and threw it into the fire-pit, repeating the Life-charm. A figure rose with the sacred thread round his neck, a sword in one hand and a copy of the *Veda* in the other. He was called Châlukhya or Solânkî. The third champion was the Pariâr, who was created by Rudra, and rose from the flame, black and ill-favoured, bearing a bow. Last of all came Vishnu's image, the four-armed Chauhân.

According to the legend, the Parmâr or Pañwar received Dhâr and Ujjain as his heritage, to the Solânkî was assigned Anhilpura, to the Pariâr the desert regions West of Abu, and the North was given to the Chauhân. Of the thirty-six royal races of Rajputs it is said the fire-born are the greatest, the rest were born of women, while these owe their origin to the gods themselves.¹⁰

There can be very little doubt that these four fire-born races were originally Mers and Gujars, and date their origin from the fifth century.¹¹ Unless we are prepared to accept the legend of their miraculous creation, we must conclude that they originated from a non-Hindu warrior race. The fact that their appearance synchronised closely with the arrival in Rajputana of the conquering tribes of fire-worshipping Mers and Gujars, points at once to a probable source from which this new accession to the fighting force of the Kshatriyas was drawn.

In an old Rajput inscription, a prince of the Pariâr race is referred to as a Gujar.¹² The principal division of the Gujars in the Panjab bears the name of Chauhân.¹³ The Solânkî Oswâls, the leading class of Western Indian Jains, are Gujars. In poems, Bhim Solânkî, the great king of Anhilvâdâ is called the Gujar.¹⁴

The nature of the connection between the Mers and the Gujars is not quite clear, but in view of their common country, common religion and customs and their combined invasion of India it is fair to assume that it was very close. It has been suggested that the Mers were not regarded as a separate tribe, but as a ruling class of the Gujars; the later still refer to their head-men as "*Mir*." In any case the fact that Mer kingdoms were established in the countries first over-run by the invaders, as Kashmir, the Indus valley, and Kâthiâwâr, while the Gujars either went further afield or remained in the Mer kingdoms in a subordinate position, seems to show that of the two tribes the Mers predominated in power and influence. It is in the last degree unlikely, therefore, that if Gujars were admitted to the caste of Kshatriyas, Mers should have been excluded.¹⁵ Moreover, of the four stock-names of the Mers given above,

⁹ *Chitpâvan* signifies "pyre purifier."

¹¹ *Bom. Gazetteer*, Vol. X, Part I, p. 486.

¹³ *Gujarâ: Gazetteer*, pp. 50-51.

¹⁵ The only semi-independent Gurjara Kingdom of which we have records was that at Nandôd in Southern Gujarât, but the kings of Nandôd acknowledged the Mer kings of Vallabhipura as their overlords. — *Bom. Gazetteer*, Vol. I, Part I, p. 113.

¹⁰ Tod, *Annals*, II, 407.

¹² *Prachinâlikha-mâlâ*, Vol. I, pp. 53-54.

¹⁴ *Râs Mâlâ*, I, 222.

three correspond with names of the fire-born tribes. The fourth stock-name, Gahlot, refers to a different origin, which will presently be explained.¹⁶ I conclude therefore, that of the four fire-born tribes of Rajputs, three, *viz.*, the Chauhân, Pariâr and Parmâr were composed of both Mers and Gujars; the fourth Solânkî may have been composed of Gujars alone.

In the early 19th century, the Bards of the Mers, greatly daring, ventured to ascribe the origin of their race to the debased off spring of a Chauhân prince. A strain of Chauhân blood, even though blended with disgrace, was the highest genealogical pinnacle to which they could aspire, and even this claim was not admitted without derision by their neighbours. The strange truth appears to be, that instead of the Mers being descended from the Chauhâns, the Chauhâns themselves are descendants of the ancient nation of Mers.

Besides those who were specially distinguished by the fire-initiation, other clans of the invaders attained the dignity of inclusion among the Rajput royal races without undergoing this ordeal. Probably most of the Rajput Chiefs of Kâthiâwâr are descended from the Mer conquerors of that province. The Jethvâ Chiefs of Porbandar for instance, who were formerly powerful rulers, are almost certainly of the Mer¹⁷ tribe. They are still called Mer Kings, and the Mers of Porbandar regard them as the head of their clan. But the most noteworthy case is that of the kings of Vallabhipur in Eastern Kâthiâwâr. About the end of the fifth century, a chief named Bhatarka, a Mer of the Gahlot clan, conquered the city of Vallabhipur, the last stronghold in Kâthiâwâr of the decaying Gupta monarchy, and founded a kingdom there which included the greater part of Kâthiâwâr, Gujarât, and Southern Rajputana. A scion of this dynasty in A. D. 720 conquered Chitor¹⁸ from the Mori or Maurya Chief who held it. His descendants are the present ruling family of Udaipur. This origin of the Si-odias perhaps accounts for the curious blend of Sun-worship with orthodox Hinduism which exists in Udaipur; and it throws an interesting light on the claim of the Mahârânâs to a descent from Nûshîrwân, the great Sasanian emperor of Persia.¹⁹

Not only were the warriors of the Mers admitted to the Kshatriya caste, but their priests were recognised as Brahmans. The horde of fighting men was accompanied by a hereditary tribe of priests, called Maghs, who were under the special favour of the great conqueror Mihirakula.²⁰ In India the Maghs seem in general to have worshipped a combination of the Sun and Śiva under the title Mihir-eśwar (Sun-god). This was the established religion in the Vallabhi kingdom of Bhatarka and his successors.

But a pure form of sun-worship was maintained at Multân, Dwârkâ, Somnâth and other holy places, probably by the priests of the sect.²¹ The descendants of the Maghs under the name of Maghâ Brahmans now form one of the leading priestly classes of South Mârwar.

¹⁶ These names are probably adaptations of tribal stock-names of the Mers and Gujars, which have been given Indian meanings. *Bom. Gazetteer*, Vol. IX, Part I, p. 483. *Tod's Annals*, 2nd edition, II, 407. The Gahlots for instance are probably identical with the Getæ mentioned by Herodotus as a principal tribe of Medes (*Encyc. Britannica*, Art. "Media").

¹⁷ *Bom. Gazetteer*, Vol. I, Part I, p. 87.

¹⁸ *Tod's Annals*, I, 229-231.

¹⁹ *Bom. Gazetteer*, Vol. IX, Part I, p. 102. *Tod's Annals*, I, 235. Gladwin's *Ain-i-Akbari*, I, 181.

²⁰ *Troyer's Rajatarangini*, 307-309.

²¹ Herodotus mentions the Magoi (Magi) as the hereditary priests of the Medes. Modern (post-Islamic) Persian poetry is full of references to the Maghs, the priests of the ancient religion. *Reinaud's Mmoire sur L'Inde*, 93-99. *Muir's Sanskrit Texts*, I, 497.

Neither the date nor the circumstances of the fall of Vallabhipura are clearly known. The most probable account is that preserved by the Portuguese traveller Alberuni, who says that the Arab chief of Mansûra, in the Indus valley, sent a naval expedition against Vallabhipura. In a night attack the king was killed and his people and town were destroyed. Alberuni gives no date to this event; but it must have occurred between A.D. 750 and 770.²² After the destruction of Vallabhipura, the Mer power seems to have moved inland, probably to avoid another encounter with those terrible raiders, and to have centred in the hilly country West of Chitor, where a large tract of country received the name of Meḡwâr²³, the country of the Meḡs (Mers).

The subsequent history of the Gahlots of Mewâr, as well as that of the main branches of the Chauhâns, Pañwârs, and the Pariârs is sufficiently well known from the *Annals* of the Rajputs among whom these tribes are now included. But besides those who by achievement, or Brahman initiation, were cleansed from the dust of their ignorance and obtained a place among the Kshatriyas, a proportion of the Mers held to their ancient faith, and either from choice or from necessity, remained outside the pale.

Among these were the Mers of Sind, of Kâthiâwâr and of Merwârâ. In proportion as the fire-born Rajputs grew in reputation, in power, and in pride, their brethren of these tribes sank into oblivion, and finally after a lapse of nearly a thousand years, they emerge into the light of modern history as despised barbarians, stripped of every vestige and even every memory of their former greatness. One can only darkly surmise the causes and circumstances of this strange discrimination of fate.

One curious tradition has been handed down in the tribe from ancient times and survives to this present day. According to this tradition the kings of the Mers in ancient times were white men, and it is decreed that the Mers shall never be ruled or led by any other than a white race. I like to think that the old Mers who did not become Kshatriyas were sturdy independents of the tribe, who held to the legend of the white king and refused to be tempted to bow the knee to the dark-skinned races of Hindustan. With the coming of the British in the early years of the nineteenth century the riddle seemed to be solved. The Mers accepted the white officers as their destined rulers, and have followed them ever since with unswerving loyalty. It is true that their faith received a shock by the substitution of a Hindu District Officer for the "Chhotâ Sâhib" a few years ago, but the tradition clings, and the Mers are still inclined to hold themselves as a race apart, to regard the seething politics of India with complete unconcern, and to speak of their district as "a piece of Britain," and themselves as the peculiar servants and soldiers of the British King-Emperor.

NEW LIGHT FROM WESTERN ASIA.

(A Lecture delivered to The Royal Asiatic Society, London,
on Tuesday the 5th November 1921.)

By THE REV. PROF. A. H. SAYCE, M.A., D.LITT.

THE other day I was looking into a book on Ancient History published less than a century ago. It has itself become ancient history. It is like nothing so much as the maps of central Africa which were current in my childhood and in which there was little else but a blank space. What was not a blank space was for the most part erroneous. So it was

²² *Bcm. Gazetteer*, Vol. I; Part I, pp. 94-95.

²³ The modern Mewar or Udaipur.

with the Ancient History of our immediate forefathers so far as Asia and Europe were concerned. Behind the classical age of Greece and Rome there was either thick darkness, or assertions and guesses which we now know to have been wide of the truth. Apart from what could be gleaned from the pages of the Old Testament, (not unfrequently misinterpreted or misunderstood), nothing practically was known of the earlier history of Europe and Western Asia.

When I went to school light was beginning to dawn. Champollion had lifted the curtain which so long covered the script and records of Egypt, and the outlines of early Egyptian history were beginning to be sketched, while the ancient life of the Egyptians, their crafts and arts and theology, were being recovered from the painted walls of tombs and temples. The Persian cuneiform inscriptions had just been deciphered, and through them the inscriptions of Assyria and Babylonia were at last revealing their secrets. Among my first recollections are the discoveries that were being made in Assyria and Babylonia, the bulls that Layard was sending from the ruins of Nineveh, the names of Sennacherib and Sargon that the decipherers were finding in the inscriptions, the new world of art and history that was being opened up on the banks of the Tigris and Euphrates. The story of it all had penetrated into the remotest country places, the daily papers were filled with accounts of what had been found, and the theological public, which was a large one in those days, was intensely interested in discoveries which explained or supplemented the familiar stories of the Bible.

Then came the reaction. The canons of a sceptical criticism were introduced from Germany and eagerly assimilated by our classical scholars. The Homeric Poems were dissected into small morsels, assigned to a late age, and denied all historical credence, while Niebuhr's rejection of early Roman history became a fashion. Sir George Cornewall Lewis proved to his own satisfaction and that of his readers that Roman history so-called, before the capture of the city by the Gauls, was entirely devoid of truth: Grote made it clear to an acquiescent world that Greek tradition was valueless and that we might as well look for history in the rainbow as in Greek myth and legend; and finally, the philological theory of mythology became the vogue, which derived a myth from a misunderstood word or phrase and resolved most of the figures of early legend into forms of the Sun-god. Except perhaps in Palestine and Egypt, it was assumed that writing for literary purposes was unknown to the ancient world until a few centuries before the Christian era, and that consequently, as there were no contemporaneous records, there could be no reliable history. Archæology still meant discussions about the age and authority of Greek statuary and the like; scientific excavation, and examination of the materials found in the course of it, were left to the students of the prehistoric ages, more especially in Scandinavia. The application of the methods and results of the Scandinavian scholars to the lands of the Eastern Mediterranean was not dreamed of, or if dreamed of, dismissed as a dream. The old sites of the East were explored for the sake of the great monuments and smaller antiquities which they yielded and which were coveted by the Museums, as well as for the inscriptions which were to be discovered in them. That the history of the pre-Hellenic past could be recovered, except through the help of written records, had not as yet dawned upon the world of students. As for Assyriology, the Semitic scholars of Germany still regarded it as unworthy of their attention.

It was an outsider, Dr. Schliemann, who was the revolutionist, and it is needless to say that the first announcements of his work and discoveries were received with violent opposition, unbelief and contempt. He was not a Professor; he had not even received a University

education ; a self-educated man, what did he know about the classics, much less about their interpretation ? The Trojan War had been proved to be a solar myth ; how then could he have discovered the city of Priam and established the historical credibility of the Iliad ?

It was worse when his enthusiasm led him to excavate Mykenae and find there the tombs of the royal heroes for whom he was looking, filled as they were with gold and other treasures which displayed the features of a hitherto unknown art. Some scholars maintained that they were Byzantine ; there were others who were equally assured that they were Gothic loot. That they could not be what their discoverer maintained they were, was agreed on all sides ; Homer had been shown to be a medley of late date, and Agamemnon and his colleagues were creatures of myth.

I was one of the first advocates of Schliemann's beliefs, and an article of mine in *The Academy* brought me his acquaintance and friendship. It was not long before discoveries similar to those at Mykenae and Tiryns were announced from other parts of the old Greek world ; little by little the opposition to the conclusions to be drawn from them died away, and it came to be admitted on all sides that the spade had disproved the confident convictions of scholarship, had revealed to us the prehistoric past of Greece, and had shown that the old traditions were founded on historic truth. It was the first blow delivered against the historical scepticism of the middle of the nineteenth century.

As an excavator Schliemann had to seek his evidence in the material objects which he disinterred. How to interpret this evidence had already been made clear by the prehistoric students of northern and western Europe. Among the material objects, the most important part was played by the pottery. Pottery is indestructible except by the hand of man : it is the most common of objects wherever civilised or semi-civilised man has existed, and the potter is almost as much subject to the dictates of fashion as the milliner. Successive periods of history can thus be traced through varying styles of pottery, as well as the relations of various forms of culture one to another.

Now a new excavator appeared upon the scene in the person of Mr. Flinders Petrie, and the scene of his work was no longer the ancient Greek world, but Egypt. Under him the study and classification of pottery became an elaborate branch of science, and brought with it the scientific study and arrangement of other objects of social life. Upper Egypt is a land where nothing perishes except by the hand of man ; where the relics of early civilisation seem hardly to grow old, and where accordingly it is easier than elsewhere to unravel their history and arrange them in chronological order. The archæological science of to-day is largely the creation of Petrie and his followers in the lands of the Nile.

Meanwhile Assyriology had overcome opposition and suspicion, and had forced the older Semitic scholars to accept its statements and conclusions. Even Germany had at last yielded ; the enthusiasm of the Swiss scholar Schrader silenced all opposition, and a Chair of Assyriology was established for him at Berlin. But Assyriology itself had widened its domain. It was no longer only the Semitic language of Assyria and Babylonia and the Iranian language of ancient Persia, which the cuneiform scholar was called upon to decipher ; the cuneiform script had once extended over the greater part of Western Asia and had been used by the various languages that were spoken there. It was discovered that Assyro-Babylonian had been the pupil and heir of an earlier culture and an earlier language which was agglutinative, but unlike any other known form of speech. The earlier Assyriologists called it Akkadian ; we now know that its name was Sumerian, the language of Sumer,

and Akkadian properly denoted the Semitic language spoken in the northern half of Babylonia. The first attempt at a grammar and analysis of the language had been made by myself in 1870, and was developed by my friend, François Lenormant—a name ever to be honoured—three years later. The Sumerians were the founders of Babylonian civilisation, the builders of its cities, and the originators of its theology. The larger part of Babylonian literature was due to their initiative.

Another agglutinative language, unrelated, however, to Sumerian, was spoken in the highlands of Elam and is now known as Susian. In its later form it is represented by what in the early days of Assyriology was termed the Scythian version of the Achæmenian inscriptions. It was, in fact, the language of Susa, the third capital of the Persian kings, and we owe most of our present knowledge of it to the numberless inscriptions disinterred by de Morgan among the ruins of Susa and brilliantly deciphered by Dr. Scheil.

There was yet another language embodied in the cuneiform characters, which was spoken in the north of Assyria in what is now Armenia. This I succeeded in deciphering in 1882, my Memoir appearing in the *Journal of the Royal Asiatic Society*, and so brought to light the history, geography and theology of a power which once contended on equal terms with the Assyrian Empire, and was for a while the mistress of the nations of the north. To this language I gave the name of Vannic, the capital of the kingdom having been the city of *Bianas*, the modern form of which is Van. The language belonged to what is called the Caucasian or Asianic group, that is to say, to the numerous languages spoken to-day in the Caucasus and formerly in Asia Minor, and divided into several groups unrelated to one another.

In 1888 came a discovery which revolutionised our ideas of ancient Oriental history and had a far-reaching effect. This was the discovery of cuneiform tablets at Tel-el-Amarna in Upper Egypt. By a stroke of ill-luck they were found by the peasants in the winter of 1886-7, the one winter that I did not happen to be in Upper Egypt. Both before that and afterwards I spent my winters on the Nile, and always visited Tel-el-Amarna, sometimes twice during the same season, where I was accordingly well-known to the natives from whom I purchased small antiquities. Had I been there that winter, the whole collection of tablets would have passed into my hands intact. As it was, there was no one in Egypt, much less among the antique-dealers, who knew anything about cuneiform or cuneiform tablets. A tablet sent to Paris was pronounced by Oppert to be a forgery, and the result was that the precious documents were packed on donkey-back and carried more than once up and down the two banks of the Nile, so that a considerable number of them were lost altogether, and a large number broken and rendered more or less illegible. When I arrived in Cairo in the spring of 1888, a few had made their way there, and I was able to assure the authorities at the Museum, that whatever their date might be, they were genuine.

The following winter I was again at Tel-el-Amarna where the fellahin showed me the house in which the tablets had been discovered. The bricks of the house, some of which I carried away with me, proved that it was the Foreign Office of the later Kings of the 18th dynasty. Most of the bricks were inscribed with the words: "Record Office of Aten."

The discovery, as I have said, had far-reaching consequences. For one thing, it dealt a second blow at the destructive criticism of the sceptical school of the historians of the ancient East. That criticism was based on the assumption that literature and the use of writing for literary or epistolary purposes had no existence before the classical age, and that consequently no contemporaneous history of an earlier period could have come down to us, the

further conclusion being that as there was no contemporaneous history, there could have been little or no history at all. The Tel-el-Amarna tablets showed, on the contrary, that already in the pre-Mosaic age there was almost as much diplomatic and literary correspondence going on from one end of the civilised world to the other, as in our own day; that schools must have been plentiful, and knowledge of writing widespread. They completed what the discoveries of Schliemann had begun; as the excavations at Troy and Mykenæ had restored our confidence in the traditional history of the ancient Orient, so the tablets restored our confidence in its literary character.

It was not long before another shock was given to the complacent scepticism of the older school of historians. Professor Erman had stated in a lecture at Berlin that the age of archæological discovery in Egypt was over, and that henceforward the Egyptologist must devote himself to the philological analysis of his texts. Hardly had he made the pronouncement, when de Morgan revealed to the world, not only the pre-historic age of Egypt, but the earliest historical dynasties as well. So far from belonging to the domain of mythology, as had been confidently assumed, they turned out to be as fully historical as the dynasties of a Ramses or a Psammetichus, and the Egypt they governed was an Egypt which had already enjoyed a long preceding period of culture and civilisation. Menes, the founder of the united monarchy, was suddenly transformed from a creature of fable into a historical personage whose palace we can reconstruct with its ornate furniture, its vases of glass or obsidian brought from distant Melos, its gold-work and jewellery, and its hierarchy of officials.

Then came Sir Arthur Evans' discovery of ancient Krete. One morning he came into my rooms at Oxford with copies of some Kretan gems on which he had found what seemed to him the indubitable symbols of a picture-writing. They reminded me of a sealing-wax impression I had taken many years before at Athens of a Kretan seal which I had seen in the possession of Professor Rhousopoulos. When we examined it we found that the characters upon it were those of the same unknown script which Sir Arthur Evans had just detected.

Sir Arthur started for Krete as soon afterwards as he could; there he came across clear evidences of an early civilisation which made him determine to excavate in the island whenever political circumstances would allow him to do so; the result was the excavation of the palace of Knossos, as well as the Italian excavations at Ploestos and Agia Triada and of other explorers elsewhere, which have restored to us the early history of the Egean and brought to light a civilisation and an art which in many respects was a precursor of that of classical Greece. In fact it is not too much to say that we now know that what we call the classical art of Greece was but a Renaissance; the seeds of the older culture, which had been overwhelmed by the northern barbarians, had been lying under the soil, ready to burst into life whenever outward conditions favoured them.

Meanwhile, a forgotten people, who had much to do with shaping the history of the Nearer East and with carrying the culture of Babylonia to Greek lands, had sprung again into existence. These were the people known to the Babylonians and Egyptians, as well as to the Old Testament, under the name of the Hittites. It was in 1879 that I first endeavoured to establish the fact of a Hittite empire, the capital of which was at Boghaz Keui in Cappadocia, and to show that the curious hieroglyphic texts that had been found in Syria and Asia Minor, were the work of a Hittite people. In a letter to the *Academy* I declared, to what was then an unbelieving world, that the hieroglyphics attached to the figure carved on the rocks near Smyrna, in which Herodotus had seen the Egyptian conqueror Sesostris, were not Egyptian as was supposed, but would prove on examination to be Hittite, and similar to

those attached to the figures of various deities at Boghaz Keui. A few weeks later I was standing by the side of the figures and taking a squeeze of the inscription. My prophecy was fulfilled ; the characters were Hittite like the figure itself, and bore witness to the march of Hittite conquerors as far westward as the shores of the Ægean.

The Tel-el-Amarna tablets brought the Hittites once more to the fore. They showed that in the age of the Exodus, when Palestine was nominally under Egyptian dominion, it was to a large extent actually governed by Hittite chieftains from Asia Minor, whose troops garrisoned the cities of Canaan. It is with good reason that the writer of Genesis describes Heth as the second-born of Canaan. Even the King of Jerusalem bears a Hittite name, and the Khabiri whose attacks he fears, and in whom some scholars have seen the Hebrews, in spite of historical improbability, now turn out to be the mercenary bodyguard of the Hittite Kings. If they eventually captured Jerusalem, as is generally supposed, they would have been the Jebusites of Scripture.

In 1893-4 M. Chantre made some excavations at Boghaz Keui, one result of which was the discovery of fragments of cuneiform tablets. It then became clear that the Hittites employed the cuneiform script as well as their native hieroglyphs and that if excavations could be made on a sufficient scale at Boghaz Keui, a library of cuneiform tablets might be found there similar to those of Assyria and Babylonia. In 1905 I was at Constantinople with Dr. Pinches, and there we obtained a tablet, said to come from Yurghat, near Boghaz Keui, and inscribed with cuneiform characters in the same language as the fragments discovered by Chantre. It was the first tablet of the kind that had come to light which was not only of large size, but also fairly perfect, and an edition of it was published by the Royal Asiatic Society as one of its special monographs.

The discovery had the effect of making the German Oriental Society keenly anxious to excavate at Boghaz Keui, as Dr. Belck and others had already urged them to do. I too, on my side, was equally anxious that British excavations should be undertaken there, more especially as Professor Garstang, the most capable of excavators, was as much interested in the Hittites as I was myself, and was ready to give up his work in Egypt for the purpose. Hamdi Bey had promised me to do all he could to further my plans. But the funds for excavating were slow in being provided ; Germany was omnipotent in Constantinople, and the ex-Kaiser instructed his ambassador there to demand a firmân for the work, to the expenses of which he himself contributed. Eventually I received a letter from Hamdi Bey stating that he could hold out no longer, and that the firmân would be given to Germany. Accordingly, in the summer of 1906, Winckler, the Assyriologist, started for Boghaz Keui with money supplied by the Vorderasiatische Gesellschaft, and there took possession of the site, and the following year a regular expedition was sent out under the auspices of the German Oriental Society and the conduct of Winckler and one or two architects. Unfortunately, no archæologist was attached to the expedition, so that had it not been for the fortunate accident that Professor Garstang happened to visit Boghaz Keui while the excavations were going on, its archæological record would have been entirely lost ; as it is we are still in the dark as to the historical sequence of its pottery.

Winckler was a good Assyriologist, and he devoted himself to copying and deciphering the tablets, of which a very large number was found. Indeed, I hear from Berlin that there are now about 20,000 tablets or fragments of tablets there, those which had been kept at Constantinople having been removed to Berlin during the war. The result of his researches was published in December 1907 in a provisional Report, and opened up a new chapter in

ancient history. For one thing, we now heard the Hittite side of some of the political questions of which the Tel-el-Amarna tablets had given us the Egyptian version ; it is needless to say that the facts were placed in a new light. Most of the documents relating to contemporaneous history were fortunately in Assyrian, that being the language of diplomacy, as French is to-day.

It was not only in Cappadocia, however, that the German Oriental Society was at work. Excavations extending over several years, were being made at its expense at Babylon and Assur, the primitive capital of Assyria. Those at Babylon did not add much to our previous knowledge ; it was different at Assur. There the history of the great temple of Assur was traced through its successive rebuildings and enlargements ; the earlier history of the city was carried back to pre-historic times ; the stately tombs of the later kings of Assyria were discovered, and above all, the royal library was disinterred, the existence of which was divined years ago by George Smith. Of all this we had meagre reports, which only indicated the riches of the promised land ; and then came the war.

(*To be continued.*)

THE HISTORY OF THE NIZĀM SHĀHĪ KINGS OF AHMADNAGAR.

By LIEUT.-COLONEL SIR WOLSELEY HAIG, K.C.I.E., C.S.I., C.M.G., C.B.E.

(*Continued from p. 73.*)

It so happened, however, that the 'Ādil Shāhī army had been informed by spies of the design, and on the night on which half of the besieging army marched the 'Ādil Shāhī army also marched for Bijāpūr by another road, and before the army of Ahmadnagar could reach that place, had entered Bijāpūr and taken refuge behind its walls. Just at this time ²⁴⁵ the force which had been sent by Kishvar Khān to slay Muṣṭafā Khān, having slain that great man, returned, and joined the rest of the 'Ādil Shāhī army in Bijāpūr, so that the strength of the army of Bijāpūr was greatly increased. The *amīrs* of Bijāpūr had, however recently expelled Kishvar Khān from the country²⁴⁶ and had not yet raised any other to the head of

²⁴⁵ From Firishta's narrative it would appear that the force sent to deal with Muṣṭafā Khān had returned to Bijāpūr some time before the arrival of the allies before the city.—F. ii, 96.

²⁴⁶ This is a very imperfect account of Hājī Kishvar Khān's downfall. Chānd Bibī became estranged from him owing to his murder of the Sayyid, Muṣṭafā Khān, and the quarrel between them reached such lengths that Kishvar Khān caused Chānd Bibī to be arrested and sent as a prisoner to Satāra. He then sent Miyān Buddhū the Dakanī to threaten the *amīrs* at Naldurg with imprisonment unless they opposed the enemy more vigorously. The African *amīrs*, Ikhlas Khān, Dilāvar Khān, and Hamid Khān, put the envoy in irons and marched on Bijāpūr with the object of deposing Kishvar Khān, while 'Ain-ul-Mulk Kan'ānī, Ankas Khān, and other *amīrs* retired to their estates. The murder of Muṣṭafā Khān and the imprisonment of Chānd Bibī had rendered Kishvar Khān extremely unpopular in Bijāpūr, and he was openly abused as he passed through the streets. When he heard that the African *amīrs* were marching on the capital he took the young king out hunting but, realizing the futility of opposing the Africans, allowed him to return from the first stage and obtained leave of absence. He fled with 400 horse to Ahmadnagar but, being ill received there, fled to Golconda, where he was slain by an Ardistanī in revenge for the murder of Muṣṭafā Khān. Ikhlas Khān was then made *vakīl* and *pīshvā*, and Chānd Bibī was recalled from Satāra. She dismissed Ikhlas Khān, and appointed Afzal Khān Shirāzī in his stead. Ikhlas Khān caused Afzal Khān to be put to death, and, resenting Chānd Bibī's partiality for the foreign *amīrs*, expelled Shāh Fathullāh Shirāzī, Shāh Abdūl Qāsim, Murtaẓā Khān Injū, and other Foreigners from the city. The African *amīrs* then summoned 'Ain-ul-Mulk Kan'ānī from his estate and, as he approached the city, went out to meet him. He seized them, put them in irons, and carried them towards the city on elephants, but on learning that the royal guards were prepared to oppose him fled to his estate, leaving his prisoners behind. They were released and restored to power.—F. ii, 97, 98.

affairs. The African *amîrs*, such as *Ikhlas Khân*, *Dilavar Khân*, and *Hamid Khân*, had conspired together and had succeeded in getting into their own hands most of the power in the state and the former concord between them and 'Ain-ul-Mulk, who was the greatest and most powerful of the *amîrs* of Bijâpûr, was changed to enmity. One day, when all the African *amîrs* had gone to 'Ain-ul-Mulk's house, he had them arrested and on the following day, having drawn up his troops and placed the Africans under arrest with them, he marched to the citadel of Bijâpûr, intending to gain possession of the person of Ibrâhîm 'Âdil Shâh, to assume the chief power in the state, and to imprison the Africans in the fortress. On his way one of his friends met him and told him that the slaves of Ibrâhîm 'Âdil Shâh had entered into a conspiracy with the *Kotwâl* of Bijâpûr and the troops in attendance on the young king to release the Africans as soon as the cavalcade entered the fortress and to arrest their captor. The suspicious 'Ain-ul-Mulk, on receiving this false information, left the African *amîrs* in the midst of the bazar at Bijâpûr and fled to his own estates.

The 'Âdil Shâhî army was much demoralized by the flight of 'Ain-ul-Mulk, but the power of the African *amîrs*, who had thus been released from imprisonment, was greater than ever. As the army of Bijâpûr was demoralized by the quarrels between the *amîrs*, so the Nizâm Shâhî army became more powerful and advanced and encamped before Shâhpûr. On the following day at daybreak the Nizâm Shâhî and Qutb Shâhî armies were drawn up in battle array against the enemy, and marched on Bijâpûr. The 'Âdil Shâhî army also streamed out of the gates of the town and was drawn up for battle. The infantry, the rocketeers, the spearmen and the halberdiers, the war elephants, and the cavalry advanced to the attack. The light cavalry first joined battle but the fight soon became general, and the two armies crashed together like contending seas.²⁴⁷

The Qutb Shâhî warriors performed great feats of valour on that day, made frequent attacks which broke the enemy's line, and then, as before, when the battle was at its height, nearly a thousand picked horsemen of the Nizâm Shâhî army charged the centre of the 'Âdil Shâhî army, doing great execution. The centre broke and the wings followed its example. When the allied armies saw the effect of this bold charge on the enemy, they charged at once and slew so many of the enemy, that the corpses lay in heaps. They then pressed on in pursuit of the disorganized forces of the enemy, which fled in all directions. Some, with great difficulty, succeeded in reaching the fortress of Bijâpûr, while large numbers fled in all directions over the country. Those who made for Bijâpûr were pursued to the gates by the allies, who captured from them seven of Ibrâhîm's best elephants, *Âtashpâra*, *Kûhpâra*, *Chanchâl* and others, and drove them back to their camp. The allies having reached their camp, relaxed no whit of their vigilance, but prepared to resist any fresh attack and to capture the fortress.

On the day following, the 'Âdil Shâhî army was again formed up for battle but their spirit was so broken by their defeat that they would not leave the fortress.

At this juncture spies informed the 'Âdil Shâhî army that Sayyid Mir Zainal Astarâbâdî, who had been sent by Ibrâhîm Qutb Shâh to besiege the fortress of Gulgûr,²⁴⁸ had taken that fortress and was hastening to the aid of the Nizâm Shâhî army. The commanders of the 'Âdil Shâhî forces decided that the wisest course would be to detach the force against this reinforcement, to attack it by night before it effected a junction with Sayyid Murtaẓâ's army and to disperse it. They therefore sent Sayyid Mirzâ Nûr-ud-dîn Muḥammad Nishâbûrî and some other *amîrs* with their troops to attack Mir Zainal. Mirzâ Nûr-ud-dîn

²⁴⁷ These battles before Bijâpûr are not mentioned by Firishta and the army of Ahmadnagar appears to have gained no success of any importance there.

²⁴⁸ Gollaguda.

Muhammad with a fresh 'Ādil Shâhī force marched from Bijâpūr at night and on the second night he met the Quṭb Shâhī force and in the darkness of that night a fierce conflict between these two armies took place. The fight lasted until the morning, but when the sun rose the 'Ādil Shâhī's left the field and retired towards Bijâpūr, while the Quṭb Shâhī army encamped on the field.

When the Quṭb Shâhī army found that the Bijâpūrīs had fled and would not renew the fight they resumed their march, plundering and ravaging the 'Ādil Shâhī country as they advanced to a distance of four or five leagues on either side of their line of their march, until they approached the *amīr-ul-umarā's* army. Here they were received with honour, and as this reinforcement greatly increased the strength of the besieging army, renewed efforts were made to capture Bijâpūr.

At this time Kishwar Khān 'Ādilshāhī,²⁴⁹ of whom it has already been mentioned that he fled from the *amīrs* of Bijâpūr and took refuge in Ahmadnagar arrived, by the royal command, with fresh troops at the camp of the *amīr-ul-umarā*, and the news of the arrival of these two fresh reinforcements utterly demoralized the army of Bijâpūr, and 'Ain-ul-Mulk, who was the commander-in-chief of the enemy, found that the strength of the allies was overwhelming, and that in the absence of any sound statesman the kingdom was rapidly falling into decay. Thus Sankal Nāik, commandant of the fortress of Charī and of its dependencies rose in rebellion, and asserted his sway over most of the villages and towns (with their districts) which 'Alī 'Ādil Shâh had, in the course of his reign, added to the 'Ādil Shâhī kingdom, and was oppressing and plundering the inhabitants. The African *amīrs*, who had acquired all power in the city of Bijâpūr, now exerted themselves to the utmost to avert the overthrow of the kingdom and, as a first step to this end they sent for 'Ain-ul-Mulk, who had now been for eight days in the camp of the allies, assuring him of his safety and imploring him to return to Bijâpūr. He responded to the appeal and, leaving his pavilion standing, fled from the royal camp with his troops by night towards Bijâpūr, and entered the city by the Allâhpūr gate.²⁵⁰

When the allies heard of the flight of 'Ain-ul-Mulk they pursued him even to the gate of the city, slaying all whom they overtook and capturing all his baggage and treasure, so that the pursuers were enriched by the quantity of gold and jewels which fell into their hands.

The 'Ādil Shâhī army was, however, much strengthened by the return of 'Ain-ul-Mulk, and *farmāns* were issued to all parts of the kingdom ordering the assembly of the infantry, musketeers and archers, and in a short time 8,000 foot (joined the army in Bijâpūr).

XC.—AN ACCOUNT OF THE THIRD BATTLE BETWEEN THE BIJÂPŪRĪS AND THE ALLIES.²⁵¹

The allies, having recently been strengthened by two reinforcements, were now overconfident on their strength, and on the next day at sunrise, were drawn up and advanced against the city in full force. When the 'Ādil Shâhī army were aware of the advance of the allies, they were drawn up, and a number of their bravest *amīrs*, such as Mīrzâ Nūr-ud-dīn

²⁴⁹ Firishta makes no mention of the dispatch of Kishwar Khān from Ahmadnagar against Bijâpūr. He appears to have fled directly from Ahmadnagar to Golconda.

²⁵⁰ The African *amīrs* had by this time resigned office, and Shâh Abūl Hasan had been appointed *vakil* and *pishvā*. He begged Sayyid Murtazā, who held him in great respect, to persuade Bihzād-ul-Mulk and Muhammad Qulī Quṭb Shâh to raise the siege and Sayyid Murtazā, who was still at enmity with Bihzād-ul-Mulk and Ṣalābat Khān very readily exerted himself to ensure the failure of the siege. He reproached 'Ain-ul-Mulk and Ankas Khān, who had taken refuge with him, with their treason, and persuaded them to return to their allegiance to Ibrāhīm 'Ādil Shâh II. They accordingly returned to Bijâpūr. Firishta says nothing about the attack made on them as they were returning, which Sayyid Murtazā would not have been likely to permit.—F. ii, 102, 103.

²⁵¹ This battle is not mentioned by Firishta.

Muhammad Nishâbûrî, Mustafâ Khân Astarâbâdî, Shîr Khân Barâqî, Muẓaffar Khân Barâqî, Ankas Khan Dakani and Ikhlas Khân, Dilâvar Khân, and Hamîd Khân, the Africans, led the numerous army of Bijâpûr out by one of the gates of the city and drew it up over against the armies of the allies.

The two armies then joined battle and a fiercely fought battle ensued, which raged from early morn until the sun was past the zenith, when a division of about 1,500 cavalry with several war elephants charged the centre of the 'Âdil Shâhî army, broke it, and dispersed it. When the rest of the 'Âdil Shâhî army saw that all their efforts were in vain they broke and fled, pursued by the Nizâm Shâhî army. Many of the fugitives fled so precipitately from fear of the avenging swords of the pursuers that they fell into the ditch of the fortress.

When those in Bijâpûr saw that the battle was not going in accordance with their hopes, they shut the gates and prevented the entry, not only of the victors, but also of their own men, and rained from the bastions and curtains showers of arrows on the allies. The allies having thus gained the victory over their enemy, retired from before the walls to their own camp.

After this heavy defeat, the army of Bijâpûr remained shut up in the city and had neither strength nor courage to arm themselves, nor to come out again to the fight. Then, having found that they could effect nothing by force, they had recourse to fraud. Having regard to the friendship which had existed between Sayyid Murtaẓâ and Sayyid Shâh Abû-l-Hasan, son of Shâh Tâhir, who was imprisoned in a fortress in the Bijâpûr kingdom, they sent for the latter and appointed him *vakîl* and *pîshvâ* of the kingdom,²⁵² knowing that the *amîr-ul-umará* had always made the release of Abû-l-Hasan and his elevation to the office of *vakîl* and *pîshvâ* his object in life, and that this appointment would open the door to friendly communications. When these communications were firmly established the Bijâpûrîs, who were craftily seeking to sow discord between the allies, sent a message to Sayyid Murtaẓâ saying that friendship would be restored if the army of Ibrâhîm Qutb Shâh²⁵³, who was the prime mover of discord and whose troops were the cause of it, were removed. Sayyid Murtaẓâ, who did not at once fathom the enemy's guile, accepted this advice and began to scheme to get rid of the Qutb Shâhî troops. A common friend, who by chance became aware of the design of the enemy, disclosed it to Sayyid Shâh Mir, who was the commander-in-chief of the Qutb Shâhî troops, and who, on being acquainted with the guile of the Bijâpûrîs wrote a letter to them, warning of them of the danger of liberating Shâh Abû-l-Hasan and of making friends with Sayyid Murtaẓâ. Sayyid Shâh Mir then hastened to Sayyid Murtaẓâ's quarters and, finding him alone, questioned him closely and with great persistence regarding the communications which he had received from the sowers of discord, *scil.* the *amîrs* of Bijâpûr. Sayyid Murtaẓâ was thus compelled to disclose all the circumstances, and Sayyid Shâh Mir, who was well known for his persuasive eloquence, tactfully exposed the guile of the enemy to Sayyid Murtaẓâ and proved to him that he would have cause to regret any alliance with the Bijâpûrîs. Sayyid Murtaẓâ was now ashamed of his traffickings with the Bijâpûrîs and once more devoted himself to consolidating the alliance with Ibrâhîm Qutb Shâh and with Sayyid Shâh Mir.

²⁵² Abûl Hasan had already been appointed *vakîl* and *pîshvâ* before the return of 'Ain-ul-Mulk and Ankas Khân from Sayyid Murtaẓâ's camp to Bijâpûr.—F. ii, 102.

²⁵³ This is a mistake. Ibrâhîm Qutb Shâh had died during the first siege of Naldurg and Muhammad Quli Qutb Shâh was with the army of Ahiradnagar before Bijâpûr.

The Bijāpûrīs on their side, repented of having released Shāh Abū-l-Ḥasan and, having again imprisoned him,²⁵⁴ once more prepared for war. They employed a force of Bargīs²⁵⁵ who, for their valour and endurance, are known as the Uzbaks of Hindūstān, to prevent supplies from reaching the besiegers, and thus caused a famine in the camp of the allies. The allies, reduced to great straits owing to the scarcity of food, took counsel as to the course to be followed and it was agreed that they should not confine themselves to the siege of Bijāpûr, but should disperse and ravage the country²⁵⁶.

XCI.—AN ACCOUNT OF THE MARCH OF THE ALLIES FROM BEFORE BIJĀPŪR
WITH THE OBJECT OF PLUNDERING THE CROPS OF THE ĀDIL SHĀHĪ
KINGDOM AND DESTROYING ITS BUILDINGS.

All the *amīrs* and the officers of the army agreed that the neighbourhood of Bijāpûr should be abandoned, and they began operations by plundering and laying waste the suburb of Shāhpâr which contained palaces and gardens full of fruit and flowers. Having levelled its palaces with the ground and uprooted all its fruit trees, the army marched, in the latter days of Muḥarram A.H. 988 (March A.D. 1580),²⁵⁷ from Bijāpûr through the Ādil Shāhī kingdom, which was populous and well cultivated. As they went they plundered and ravaged, levelling huts of the poor and the palaces of rich with the ground, and destroying the crops, until they reached the city of Kalhar, which is one of the most famous cities of the Dakan for its populousness and its fine architecture. This city they plundered and burnt, obtaining such spoil that the whole army, both small and great, was made wealthy by the plunder of this city alone. When they had done with Kalhar, of which they left no stone standing on another, they marched towards Râi Bâgh Dihgiri a populous city noted for its fruits, and especially for its grapes. This place they so devastated that of the city no trace remained, and no remnant of its vines, which were all destroyed. Thence the army marched through the country plundering all, both rich and poor, and slaying all.

On this march the army plundered and destroyed all the cities, villages and forts, such as Miskirî, which lay on their way, and ravaged and wasted all the towns and districts, until they came to the fortress of Mīraj. The garrison of Mīraj was thrown into great confusion by the news of the approach of the allies, but as the fortress was exceedingly strong, a few of the bravest of the garrison, relying on its strength, came forth, and there was a fight between them and the advanced guard of the NiẒām Shāhī army. Owing, however, to the great strength of the fort, the allies did not tarry to besiege it, but marched on to besiege Naldrug.

²⁵⁴ This is a mistake. Shāh Abū-l-Ḥasan remained in power throughout the siege of Bijāpûr.

²⁵⁵ Marāṭhās.

²⁵⁶ This is a very partial account of what happened. The allies, completely demoralized by their failure before Bijāpûr, and harassed by the Marāṭhās, sued for peace, which Ibrāhīm Ādil Shāh refused to grant. They then agreed that Muhammad Qulī Qutb Shāh should march on Gulbarga, which was on the way to his own capital and attempt to reduce it, and that the army of Ahmadnagar should renew the siege of Naldrug. They left Bijāpûr depressed and humiliated by their failure, and Muhammad Qulī Qutb Shāh returned to Golconda, leaving a force under Sayyid Zainal Astarābādī, whom he entitled Muṣṭafā Khān, to besiege Gulbarga. The army of Ahmadnagar according to Firishta did not venture within striking distance of Naldrug, but retired to Ahmadnagar by way of Kolhar and Mīraj, plundering as it went. A force under Dilāvar Khān utterly defeated Sayyid Zainul at Gulbarga and captured from him 150 elephants.—F. ii, 103, 104.

²⁵⁷ This date is wrong. The siege of Bijāpûr was not raised until A.D. 1581.

XCII.—THE DEATH OF IBRÂHİM QUTB SHÂH AND THE ACCESSION OF
MUHAMMAD QULÎ QUTB SHÂH.

Ibrâhım Qutb Shâh, who had reigned over the whole of Telingâna for thirty years, died in this year, viz :—A.H. 989 (A.D. 1581),²⁵⁸ and Muhammad Qulî Qutb Shâh, the most able, generous and valiant of his sons, was summoned to his father's death bed to receive his dying advice and to be designated heir to the kingdom. After this the *amîrs* and the chiefs of the army were summoned and were enjoined to be loyal to the new king, and Ibrâhım Qutb Shâh then expired.

Ibrâhım Qutb Shâh was a king plentifully endowed with praiseworthy qualities, of boundless generosity, and great administrative ability. For these qualities he was famed as far as Arabia and Persia, and in his reign oppression and tyranny were unknown.

Although the people of Telingâna are famed for their expertness as thieves, and can, as the proverb says, steal the nose from between the eyes, justice was so executed in his reign that the name of thief was not heard, and no one lost anything by fraud. The king was kept so well aware of all the affairs, doings and conversation of his subjects, whether in town or in the country, that the very smallest matters were reported to him every day. He was, however, very harsh and severe in the administration of justice and the smallest offences were heavily punished. The lightest punishments which he inflicted were the drawing of the finger nails and the toe nails and the cutting off of ears, noses and other members.

A witty fellow once travelled through his country, and, as usual, his arrival was reported to the king and a man was sent to ask him whence he came and what goods he had. He replied that he had brought with him finger nails, toe nails, ears, nose and all other members and parts of the body which were usually taken from the subjects of that kingdom with stick and mallet, but before this reply could be carried to Ibrâhım Qutb Shâh the wit had absconded and when sought for could not be found.

When the *amîrs* and officers of state had finished the obsequies of Ibrâhım Qutb Shâh they waited on the new king, enthroned him in an auspicious hour and arranged a great feast such as is usual on the accession of a king. They appeared before Muhammad Qulî Qutb Shâh to congratulate him and scattered offerings. The festivities lasted for some days and then a *farmân* was issued, informing Sayyid Shâh Mir of the death of Ibrâhım and the accession of Muhammad Qulî. The news reached the army at Nandgâon, near Naldrug, and was the means of increasing Shâh Mir's uneasiness, for he already feared lest the Nizâm Shâhî commanders should listen again to the wiles of the enemy and break their treaty with him. He therefore refrained from publishing the news and hastened to Sayyid Murtaẓâ's tent²⁵⁹. It had recently been decided by the *amîrs* of the allied armies that Sayyid Shâh Mir should leave the army and return to Golconda and there use his utmost endeavours to persuade his king to join his army in the field. Shâh Mir now told Sayyid Murtaẓâ that he was prepared to start for Golconda with this object, but that he was not at ease in his mind regarding the guile of the enemy, for he feared lest they, to gain their own ends, should again endeavour to foment strife and make mischief between the allies, the effect of which would be that the Sulṭân of Golconda would be annoyed and that he himself would be disgraced and ruined. He therefore asked Sayyid Murtaẓâ to set his mind at rest by renewing the agreements and covenants between them, in order that he might go without anxiety to Golconda and endeavour to persuade the Sulṭân to take the field.

²⁵⁸ This date is wrong. Ibrâhım Qutb Shâh died on June 6, 1580, as is clear from the epitaph on his tomb.

²⁵⁹ These events happened before, not after, the siege of Bījāpūr.

At that time the greatest friendship existed between Shâh Mîr and Sayyid Murtaẓâ, and Sayyid Murtaẓâ therefore, in order to set Shâh Mîr's mind at rest, formally renewed the agreements and covenants between them, calling up the principal *amîrs*, such as Jamshîd Khân, Khudâvand Khân, Bahrî Khân, Bihzâd-ul-Mulk, and others, in order that they might associate themselves with him in an undertaking to listen to nothing from the enemy that might tend to prejudice them against their Quṭb Shâhî allies, always to deal with these allies in a spirit of friendliness and courtesy, and in no manner to inflict any damage on them.

When Sayyid Shâh Mîr's mind had been set at rest by this agreement he unfolded the news which he had to tell, of the death of Ibrâhîm Quṭb Shâh and the accession of his son, Muḥammad Qulî Quṭb Shâh. The *amîrs* all with one accord avowed their intention to abide by their former covenant and that into which they had just entered. It was then decided that Mirak Mu'in Sabzavâri, one of the most ready witted men of the age, should be sent to Golconda on the part of Sayyid Murtaẓâ and that Khvâja Muḥammad Samnânî should accompany him in behalf of Shâh Mîr for the purpose of offering condolences, on the death of the late, and congratulations on the accession of the new king, and that Sayyid Shâh Mîr should, in a short time, himself return to Golconda and use his best endeavours to induce Muḥammad Qulî Quṭb Shâh to join the army in the field. Mirak Mu'in and Khvâja Muḥammad then went to Golconda and, having been received by Muḥammad Qulî Quṭb Shâh, discharged the mission on which they had been sent, and then Sayyid Shâh Mîr returned to Golconda. Muḥammad Qulî Quṭb Shâh came forth from the city with all his troops and elephants to receive the Sayyid, and the Sulṭân, in consideration both of his Sayyidship and of his former services, honoured him by alighting from his horse and embracing him. After they had entered the city the king invested Shâh Mîr with a special robe of honour and entrusted him with all the whole administration of the kingdom.

Sayyid Shâh Mîr then convinced the king that it was necessary in the interests of the kingdom, that he should take the field with his army and join the Nizâm Shâhî army, and Muḥammad Qulî Quṭb Shâh, acting on this advice marched from Golconda at the head of his army to join the Nizâm Shâhî army.

When the army of Golconda approached the camp of the army of Aḥmadnagar the *amîr-ul-umârâ* and all the *vazîrs* and *amîrs* came forth to meet the king, and were honoured by being permitted to pay their respects to him.

The next day the two armies marched towards Naldrug.

(To be continued.)

MISCELLANEA.

LOST HISTORICAL PAPERS RELATING TO CEYLON.

PREFATORY NOTE.

[This is reprinted from the *Ceylon Antiquary*, Vol. VII, Pt. I, p. 44, in the hope that some reader of the *Indian Antiquary* may be able to help in the recovery of the valuable lost papers.—ED.]

CURIOUS PAPERS.

By S. G. P.

During the Uva Rebellion of 1817-18, when the British troops were scouring the country in pursuit

of rebels, Lieut. Tulloch came upon the family of the "Arch Rebel" Keppitipola "in a jungle near Narangamme" on 16 October, 1818. His mother, wife, two sons, and a brother were taken with the "baggage" of Keppitipola, who was himself taken and executed a month later. In the baggage were "several curious papers," among them

1. "The Treaty of Alliance proposed by Mr. Robert Andrews to the King of Kandy.
2. A letter from the French Admiral Suffrein, and

3. The original letter from Lord Macartney sent from Madras by Mr. Hugh Boyd and dated October 13, 1781.—*Ceylon Gazette*, 24 October, 1818.

Keppitipola had other things also besides papers. He had the deposed King's crown and sword and wearing apparel; and his brother-in-law Ehelépolá "handed over to the English the late King's crown, sword, and wearing apparel which he found concealed in the possession of Keppitipola Dissava and a villager." (Pohath-Kehelpannala, *Ehalapola*, p. 34.)

Does any body know whether these "curious papers" are still extant? Such interesting documents falling into the hands of a British officer on a military expedition are, if anything, likely to be preserved; unless perhaps some high official with a historical turn of mind took them with him for a keepsake on retirement or presented them to the British Museum. Such a case "involving the honour of a whilom Chief Justice and a Colonial Secretary" is on record. (Cf. *Journal CBRAS*, 62, pp. 260, 271). Have these curious papers suffered a like fate? If they did they are sure to be better preserved than by the local Government and certainly more accessible.

The Treaty of Alliance referred to is probably the one signed at Fort St. George and brought back

by Andrews, on his second journey, to be signed by the King of Kandy. It is given in Andrews' *Journal* recently published (*Journal CBRAS*, 70, pt. 3, pp. 115-117).

The letter of Suffrein has, I think, never come to light.¹ But the letter of Lord Macartney has been preserved by the Dutch. Among the Dutch Records of the Government was found a copy of this letter along with a Dutch translation. Mr. H. C. P. Bell published it in the *Ceylon Literary Register*, IV, pp. 132-3. It was there supposed "probable that on the capture of Mr. Boyd by the French these papers fell into the hands of the Dutch Government." (*ib.*, p. 125). But Boyd was captured on the high seas. A packet, which he threw overboard, was rescued by the Frenchman, and sent to Amsterdam (*Asiatic Annual Register*, 1799). The Diaries of both Boyd and Andrews are now published, the latter so far back as 1799. A French *Ambassade de M. Hughes Boyd* (Paris, 1803) was published from a German translation, to a second hand copy of which we might here give a free advertisement: "*Boyd H. Gesandtschaftsreise nach Ceylan. M. histor statistischen Nachrichten v. dieser Insel u. dem Leben des Verfass, hrsg. v. L. D. Campbell. Aus d. Engl. Hamburg 1802*" 2 m. Katalog 490, No. 396, Hiersemann, Leipzig, 1921.

BOOK-NOTICES.

EPIGRAPHIA BIRMANICA, Vol. II, Pt. II. edited by CHAS. DUROISSELLE. Archæological Survey of Burma, Rangoon, 1921.

This is an appendix to the Talaing Plaques on the Ananda Plates at Pagan, described and edited in full in Vol. II, Part I, of this invaluable series, and already reviewed, *ante*, Vol. I. p. 246. In it are given illustrations of the 389 plaques with a full description of each. The identification of so many plates relating to the stories in the last ten *Jálakas* is of first-rate importance to archæological students of many kinds, and its appearance is a matter of no small note.

R. C. TEMPLE.

ASTRONOMICAL INSTRUMENTS IN THE DELHI MUSEUM by G. R. KAYE. Archæological Survey of India, Memoirs, No. 12. Calcutta 1921.

This is a very valuable account of three astrolabes recently purchased for the Delhi Museum from a member of a family of astrolabe makers in Lahore, a fact which places the genuineness of the instruments beyond doubt, despite their known history. Their dates are respectively 13th and 15th cents. A.D. and 1676. It is needless to say that the monograph describes the astrolabes in minute detail and in a manner that is beyond praise.

R. C. TEMPLE.

NOTES AND QUERIES.

NOTES FROM OLD FACTORY RECORDS.

30. Court Martial for desertion.

5 August 1689. *Consultation at Fort St. George*. There being three fugitive Soldiers that lately ran away with their Armes, intending to serve the Moores [Muhammadans] in the Mogulls [Aurangzéb's] Camp, were by our Peons sent in persuit of them, apprehended some dayes Journey on their way, and secured by the Polligars [Tam. *pálayakkáran*, Mahr. *pálegár*, subordinate feudal chief] in those parts, who would not deliver them, but upon Condit[ion] of a Pardon for their lives,

which upon necessity being consented to, they were returned to us and now under confinement, but these troublesome times requireing more severity then formerly, and tho we spare their lives, yet tis held absolutely necessary to make them otherwise exemplary, to deter others from the like crimes. Tis therefore ordered that a Court Martiall be held by the President &ca. in the fort hall on Wednesday next for their tryall. (*Records of Fort St. George, Diary and Consultation Book*, 1689, p. 67.)

R. C. TEMPLE.

¹ The circumstances that led to the French and English correspondence with the king of Kandy are well known. See *Ceylon Antiquary and Literary Register*, V, 180 and seq.

NEW LIGHT FROM WESTERN ASIA.

(*A Lecture delivered to The Royal Asiatic Society, London,
on Tuesday the 8th November 1921.*)

By THE REV. PROF. A. H. SAYCE, M.A., D.LITT.

(*Continued from p. 125.*)

Two years ago we once more began to hear something about the stores of cuneiform tablets from Boghaz Keui, which are at Berlin. A few German Assyriologists had been working at them fitfully ; a small number of texts had been published ; and it was rumoured that an Austrian Assyriologist had made out Hittite to be an Indo-European language. Fortunately there was one small country in the centre of Europe which had remained neutral, and a young Swiss Assyriologist, Dr. Forrer, had taken advantage of the fact to establish himself at Berlin and there copy the Hittite and Assur tablets. It is largely to his labours that some of the most startling of our recent discoveries are due.

A considerable number of the tablets from Boghaz Keui have now been published, and we thus have sufficient materials, not only for reconstructing the history of the Hittite empire in the Mosaic age, but also for determining the nature and character of the Hittite language employed in them. Among the tablets are comparative vocabularies—or dictionaries, if it is preferred so to call them—of Sumerian, Assyrian and Hittite, to which the pronunciation of the Sumerian word is often added ; and the numerous ideographs which are sprinkled over the Hittite texts have greatly facilitated our reading of them. One thing is now clear ; the official Hittite of Boghaz Keui was not an Indo-European language as Hroziny supposed, though it contains a large admixture of Indo-European words and grammatical forms, along with a similar admixture of Assyrian and even Sumerian words and expressions. It was, in fact, an artificial literary language, and is accordingly called in the native texts “ the language of the scribes.” To the comparative philologist, however, it is of very great interest and value, and throws light on the philology of Greek and other Indo-European languages. We have learnt that, in strict accordance with the statement of Genesis, Javan was the brother of Meshech and Tubal, that Indo-European languages existed and developed in Asia Minor side by side with those which we term Asianic, and that contact between them produced its inevitable consequences, loans and borrowings on both sides. Light has already been thrown, in consequence of this, on some of the elements of Indo-European grammar.

One of the unexpected facts that has emerged on the linguistic side, is that the ancestors of the Aryan tribes of north-western India were still living in eastern Asia Minor, in the 15th century before our era. There they plied the trade of horse breeders and trainers, and supplied the Hittite language with words relating to it. There is a long work on the subject by a certain Kikkuli who hailed from Mitanni or Northern Mesopotamia, in which the most minute directions are given with regard to the horses, their treatment, harness, and exercising.

Another linguistic fact which has emerged, is that the language of the hieroglyphic Hittite texts is not that of Boghaz Keui. It belonged to the Kaskians and Moschians who lived to the east of Cappadocia, and the texts themselves are the records, not of the older Hittite empire of Boghaz Keui, but of a second and later empire, called that of the Cilicians by the Latin writer Solinus, which started into existence about B.C. 1200, and seems to have had its centre at Tyana. The hieroglyphs themselves, however, were of Asianic origin, and had long been in use in eastern Asia Minor. Examples of them are found at Boghaz Keui itself, where the phonetic values attached to the characters were naturally as different from those

which they had in the later inscriptions as the values attached to the cuneiform signs by the Assyro-Babylonians are different from those which they had in the Sumerian script.

Like the Caucasus to-day, Asia Minor in those early times was the home and meeting-place of a very large number of unrelated languages. In the tablets of Boghaz Keui Dr. Forrer finds no less than eight different languages represented, to which I have been able to add a ninth. One of these languages is what he calls Proto-Hittite, which was the real language of the country and is as unlike the official "language of the scribes" as Chinese is unlike Latin. There was, in fact, no relationship between them except in the matter of borrowed words, and it therefore becomes a question whether the official language, which we have hitherto termed Hittite, has any real right to the name. Since it was used, however, at Boghaz Keui, which bore the name of Kattusas "the Hittite" or "Silver lily," the word *khattu* signifying "silver," I think we are justified in retaining the old term and distinguishing the earlier language of the country as Proto-Hittite.

Another language which has been brought to light is that of the Kharri or Murri—the pronunciation of the name is still doubtful—who were emigrants from Mitanni or Northern Mesopotamia. One of the texts in the Kharrian language is a long epic in no less than fourteen tablets, by a certain poet Kesse, about the Babylonian hero Gilgames. The people of Mitanni—that is, "the land of Midas," afterwards famous in Phrygian legend—originally came from the Caucasus and preceded the Semitic Assyrians in the possession of Assur. The earliest High-Priests of Assur known to us bear Mitannian names, and the attributes assigned by the Assyrians to their god Assur were many of them of Mitannian origin, while the chief goddess of Assyria continued to be invoked by her Mitannian name of Sala, "the Lady."

The Mitannian Kharri were at one time employed as mercenaries by the Hittite Kings, but their place was afterwards supplied by the Khabiri, whose name is translated "Executioners." The Khabiri, once erroneously identified with the Hebrews of the Old Testament, formed the chief part of the royal body-guard; 600 of them, we are told, protected one part of the city and 600 the other part of it. I believe I have evidence showing that they were the original of the Greek Kabeiri, who consequently had nothing to do with the Phœnicians or a Phœnician word. The Khabiri were an old institution in Babylonia; Rim-Agum, the Arioch of Genesis and contemporary of Khammurabi, mentions them as among the mercenary troops who formed his body-guard. The Khabiri of the Tel-el-Amarna tablets were the picked soldiers of the Hittite King.

The Hittite King was deified. His supreme title was "the Sun-god," not "the son of the Sun-god" as in Egypt, and he was regarded as the manifestation of the Sun-god here on earth. The belief survived into the later religions of Asia Minor; at Pessinus, for instance, as Sir W. M. Ramsay has shown, the High Priest of Athys was himself Athys and was accordingly addressed under that name. Whether religious worship was paid to the deified king during his lifetime we do not yet know: it was at any rate paid to him after his death in many cases. Most of the older Hittite Kings who reigned before the foundation of the Empire and when Boghaz Keui had not as yet become the capital, were included among the gods; one of the most popular gods indeed was Telibinus who reigned 2000 B.C., and a special cult was paid to Khasa-milis "the Swordsman," another king of the same period, in whom I see the Kabirite Kasmilos of Greek mythology.

Eastern Asia Minor had been at an early date the object of attack on the part of the Babylonian Kings, who were attracted to it by its metal-mines. Already, in the time of the 3rd dynasty of Ur, that is to say, B.C. 2400, a flourishing Babylonian colony was established

at a city called Ganis, now represented by the ruins of Kara Eyuk a few miles from Kaisariyeh. The country was garrisoned by Assyrian soldiers who formed the best part of the Babylonian army; the mines were worked by Assyro-Babylonian firms whose agents lived at Ganis, and good roads were constructed throughout Cappadocia along which the postmen travelled with letters and even a species of cheque. A large number of cuneiform tablets have come from Ganis, the greater part of them having been discovered by the peasants just before the war; from one of them which I have published in the *Journal of the Royal Asiatic Society* we have learned that there was a city not far off in which there was a Ladies' University where the higher instruction was divided into the two branches of "science" and "art." It was through colonies like that of Ganis that Babylonian culture, art and theology were introduced into Asia Minor, and that the tribes of the north became acquainted with the cuneiform script.

The earliest Babylonian campaign against Asia Minor, of which we know, was conducted by Sargon, the founder of the dynasty of Akkad, though he refers to a still earlier invasion on the part of an otherwise unknown Adamu or Adam. The discovery of the missing portion of the dynastic tablets from Nippur, made last winter by Mr. Legrain in the Philadelphia Museum, has at last fixed the date of Sargon at B.C. 2800, with a few years' margin of error more or less. At that early date the Babylonian army crossed the Gulf of Antioch, made its way through Cilicia, and brought back from the northern slopes of the Taurus various trees, including vines, two species of fig, walnuts (?), terebinths and roses, which were planted in the gardens of Babylonia. The account of the campaign, written in Hittite Assyrian, was found in the house of the Hittite ambassador to Egypt, at Tel-el-Amarna, by the German excavators, during the winter before the war, and was translated by myself in the *Proceedings of the Society of Biblical Archaeology* in 1915. At the time I naturally regarded the whole story as a legend, but Dr. Forrer has now found among the Boghaz Keui tablets the contemporaneous Hittite official version of it, from which we learn that the invader was successfully driven out of the country by the combined forces of the Hittites and the people of Garsaura and Ganis. It would seem that Ganis had not yet become an Assyro-Babylonian settlement.

I must now turn to the revelations that have been made to us by the tablets from the Library of Assur. In the first place we have a continuous list of Assyrian High-Priests and Kings, reaching back some way beyond the age of Khammurabi. This is matter of rejoicing for the chronologists who occupy themselves with the skeleton of history. Then, secondly, we have learned a good deal about the geography of Western Asia in the days of Sargon of Akkad. There is a copy of a geographical survey of Sargon's empire, in which the length and breadth of the various provinces are given in double miles as well as their respective distances from his capital. The most important part of the document, however, relates to what extended beyond the empire. "To the Tin-land and Kaphtor [Kaptara]," we read, "countries which are beyond the Upper sea [or Mediterranean], Dilmun and Magan, countries which are beyond the Lower Sea [or Persian Gulf], that is from the lands of the rising sun to the lands of the setting sun . . . his hand has conquered." We know from the Old Testament that the island of Kaphtor was Krete.

Six hundred years after Sargon, or more exactly, B.C. 2180, there was another Sargon, who was not king, but High-Priest of Assur under Babylonian supremacy. He has left us a stele engraved with a long inscription, not yet published, in which he recounts the conquest of the Assyrian army in the lands of the West. Among other conquests was that of Egypt

then under an Ethiopian dynasty from the south—a statement which explains my discovery at Ed-der, opposite Esna, of Sudanese or Nubian pottery in graves that were intermediate between those of the 13th and 17th dynasties. But this was not all. The High-Priest also states that he conquered the island of Kaphtor, and there received tribute from the “Tinland” beyond the Western Sea. Dr. Forrer asks me: “Does this mean Britain?” At any rate it pushes back the beginning of the Bronze Age and opens up a new vista for the historian of early Europe.

Another remarkable document found at Assur transports us into the controversial domain of theology. It has been published and annotated by Professor Zimmern, and is likely to occasion a good deal of discussion in circles which are not Assyriological. We learn from it that once a year, on the Babylonian New Year’s Day, a miracle-play was performed in the great temple of Bel-Merodach at Babylon, in which the death and resurrection of the god were portrayed. The document gives in detail the stage-directions of the play, and the parallelism between them and the Gospel narrative is striking and extraordinary. Bel, the divine lord of Babylon, we are told, was bound and brought before the tribunal which awaits mankind on the bank of the river of death. Here he was wounded and scourged and condemned to death, and then led away to the prison-house of the other world. Along with him another malefactor was put to death, while a second malefactor, if Professor Zimmern’s translation is correct, was released. After the god had thus “descended into the prison-house away from the sun and the light,” the city was plunged in confusion, and the clothes of the slain god were laid before the divine queen of Erech. After this a goddess washed away the blood of the god’s heart which had flowed from a wound in his side. The tomb of Bel was now watched by a “son of Assur,” while his priestly followers wept and lamented for him. But eventually he rose again from the dead and thus became the saviour who, in the language of the early Sumerian hymns, “raises the dead to life.”

Thus far the stage-directions discovered in the Library of Assur. They explain the fragment of another tablet published by Dr. Pinches some years ago, and which we now see contained the words of the miracle-play. In this it is stated that after he had “descended into hell” this is a literal rendering of the Assyrian text—“the spirits who were in prison”—another literal rendering—“rejoiced to see him,” and he then proceeded to address or preach to the lords of Hades. It is evident that we have here the cuneiform original of the apocryphal book which is quoted by St. Peter in his First Epistle, and the fact is made still more certain by the connection of the deluge with the descent into hell, “the days of Noah” being referred to in the Epistle, since the weapon with which Bel-Merodach overthrew the powers of evil is expressly stated to have been “the deluge.” If ever the apocryphal book turns up among the papyri of Egypt, like other lost works of the kind, we shall doubtless find that it is modelled throughout on the old Babylonian miracle-play.

I will now briefly allude to the new light that has come to us from a wholly different part of the world, the land of “the blameless Ethiopians” of classical literature. The excavations of Professor Garstang at Meroe before the war had brought to light the great temple of Ammon in which the Ethiopian kings were crowned, and even the pedestal on which they stood after their coronation, and had shown that in the very heart of Africa a great city had once existed, where an exquisite form of pottery was made and an active trade was carried on. Meroe was, in fact, at one time a centre of the iron-industry; the smoke of its smelting-furnaces went up to heaven like that of a modern Birmingham, and magnificent quays were constructed for exporting the products of the industry up and down the Nile.

Since the beginning of the war the excavations in the Soudan have been continued by the American Scholar Dr. Reisner, who has succeeded in recreating the history of Ethiopia. He has excavated and explored the pyramids and burial-places of the Ethiopian kings and queens, and a page of history which was practically a blank has now been filled in. He has found the pyramid of Sabako, the founder of the Ethiopian dynasty of Egypt and the antagonist of Sennacherib, and has traced his predecessors and successors, reign by reign and dynasty by dynasty, down to the age of Alexander the Great. It would seem that Sabako's ancestor had originally come from Libya, and so had belonged to that blond Libyan race of which the Berbers are the modern representatives. At first Napata near Dongola was their capital; subsequently, after the Assyrian conquest of Egypt, they moved to Meroe, 120 miles north of Khartum, which hence-forth remained the capital of the kingdom down to its last days. Some of the royal tombs have yielded jewellery and other precious objects which present a blending of Egyptian and Sudanese art. Among them are massive vases and other objects of solid gold, as well as inlaid brooches and pectorals.

It is not only on the later history of Ethiopia, however, that light has been cast. At Kerma, at the northern extremity of the Dongola province, Dr. Reisner has found remains which reach back to the days of the old Egyptian empire. There was a temple of the 6th dynasty there, and in the age of the 12th Egyptian dynasty, the place was an important Egyptian fortress and settlement. Exquisite enamelled bricks and vases of turquoise blue were manufactured there, as well as elaborate bowls and vases of Egyptian pattern. The Egyptian governor married Sudanese wives, and adopted to a certain extent the customs of the country. Human sacrifices were permitted; the tomb was a tumulus of Sudanese form, and the skull and horns of the sacred ram of Amon was buried with the dead. It was in this age that the city of Napata was founded, partly as the centre of the Egyptian administration, partly as the terminus of the trade-routes to the southern Sudan. When Egypt was conquered by the Hyksos, the Theban princes retreated to the south, and the Hyksos scrabs found at Kenna by Dr. Reisner, show that if the foreign rule did not extend so far to the south, the Egyptians who had taken refuge there were, at all events, in commercial contact with the ancestral home.

At Napata, Dr. Reisner has cleared the temples which stood under the shadow of Gebel Barkal, and discovered among them remains of the 18th and 19th dynasties. On the opposite bank of the river he has also indentified the city of Ethiopia built by the Heretic King Akhenaten, and his next campaign is likely to be devoted to its excavation. In short, the history of Ethiopia has been at last recovered, and we can trace it almost continuously from the age of the Old Empire of Egypt to the period when it became the prey of negro hordes, and finally vanished from the pages of history.

Such are some of the chief additions which have been made to historical and archæological knowledge, during the years of the great world-war.

ŚŪDRA.

BY PANDIT VIDHUSHEKHARA BHATTACHARYA.

THE derivation of this word which occurs only once in the *R̥gveda* (X. 90. 12) is not yet certain. In Bādarāyaṇa's *Vedānta-Sūtra* (I. 3. 34)¹ the word is divided into two parts, *śuk* 'grief' and *dra* from √ *dru* 'to rush,' and the commentator, Śaṅkara, explains it (with reference to Jānaśruti, *Chândogya Up.*, IV, 2. 3) in three ways, viz. (a) as 'he rushed into grief' (" *śucam*

¹ " शुभस्य तदनादरश्रवणात् तदाद्रवत्तसूच्यते । "

abhidudrāva”), (β) or as ‘grief rushed on him’ (“*sucā vā abhi-dudruve*”), (γ) or again, as ‘he in his grief rushed to one Raikva’ (“*sucā vā Raikvam abhidudrāva*”), he was called *Śūdra*. The derivation given by the author of the *Unādi Sūtras* (√*śuc* or *śuk*+*ra*, “*śucer daśca*,” II. 19) throws a little better light as regards the last part or the suffix of the word; but on the whole it is not satisfactory and is as fanciful and far-fetched as the former ones.

It seems to me that the word is not a *pure* Sanskrit one, and is derived from Skt. *kṣudra*. As in comparison with the other three higher classes of people (*viz.* the Brāhmaṇas, the Kṣatriyas, and the Vaiśyas) the Śūdras were inferior in their work and quality they were called Śūdras, *i.e.*, ‘the inferior ones.’ The following few lines quoted from the *Aggañña Suttanta*, 25 (= *Dīgha nikāya*, XXVII. 25, = *PTS.*, Vol. III, p. 95), will support this view very clearly:—

“*Tesaṃ ñeva kho Vāseṭṭha sattānaṃ ye te sattā avasesā te luddācārā* (Skt. *rudrācārāḥ*) *ahesup.* ‘*Luddācārā khuddācārā* (Skt. *kṣudrācārāḥ*) *ti’ kho Vaseṭṭha suddā suddā tveva akkhamaṃ upanibbattaṃ.*”

‘Among those people the remaining ones, O Vāseṭṭha, were of dreadful conduct, of mean conduct, so they are called Suddas, and thus the word *Sudda* has come into existence.’

Again, in giving the names of the different classes of mankind the author of the *Mahāvīryūtpatti* (*ASB.*, Part I. p. 35) mentions the Śūdras as follows:—“*Śūdra* or *Kṣudra*.” It appears from this that according to him these two words are in reality one and the same, though they differ in forms.

Furthermore, in the vocabulary of the Tirhai dialect in the province of Niganhār (*JASB*, 1838, p. 783) the word for ‘little’ is *sūddā* which is undoubtedly derived from Skt. *kṣudra*. It is to be noted here that the Tirhai dialect contains a very large number of words of Sanskrit origin.

Now, it remains to prove philologically how the word *Śūdra* may come from *kṣudra*. And in doing so let me say at the very outset that Prakritism has played not an insignificant part in the formation of words, even in the language of the Ṛgveda. It is a fact so well-known to scholars that it is not necessary to dilate upon it here. A few examples may, however, be given for the sake of illustration.

Take the word *vikāṭa* (*RV.* X. 155. 1.). It is derived through Prakritism from *vikṛta* (*RV.* I. 164. 15, II. 38. 6). And similarly, *śithira*² (*RV.* VI. 58. 2, etc.) is from **śṛthira* from √*śrath* ‘to become loose or slack.’

Now instances of the change of *kṣ* into a sibilant (*viz.* *ś*, *s*, and *ṣ*) abound in Indo-Iranian languages. The river called *Śīprā* in Ujjayinī is a famous one in Sanskrit works. Even Kālidāsa refers to it in his *Meghadūta*, I. 31 (“*Śīprāvātāḥ priyatama iva*”). There is not the least doubt that this *śīprā* is derived from *kṣīprā* ‘a speedy one.’ A large number of MSS. of the *Bṛahatsaṃhitā* (*Bibliotheca Indica*, XVI. 9; *Various Readings*, p. 14) read here *kṣīprā* instead of *śīprā*. It is to be noted that the sibilant of the word is palatal in some works while in others it is dental. As regards this point I shall speak later on.

Let me cite here a few more examples. Skt. *ikṣu* ‘sugar cane,’ Marāṭhī *ūs^a* or *us^a*; Skt. *akṣi* or *akṣa* ‘eye,’ Sinhālī *es* (pronounce *e* as *a* in ‘cat’); Skt. *ṛkṣa* ‘a bear,’ Mar. *rīs^a* or *rīs^a*; Skt. *makṣi* ‘a fly,’ Mar. *māśi*; Skt. *kṣetra* ‘a field,’ Mar. *śet^a*; Skt. *kṣīṇa* ‘feeble,’ Mar. *sīn^a*.³

² *Śithila* is its later form.

³ It is to be observed here that with reference to the Marāṭhī language *s* becomes *ś* only when it is followed by a simple or diphthong palatal vowel, *i.e.*, *i*, *e*, and *ai*.

As regards the Iranian languages, the following words may be cited in this connection :—

Skt. √ *kṣip* 'to throw,' Avesta √ *sip* (سپ or سد) 'to turn upside down' ; Skt. √ *kṣi* 'to dwell,' Av. √ *xi* (خ) ; Skt. *makṣu* (later Skt. *maṅkṣu*) 'quickly,' Av. *moṣu* (موش) ; Skt. *dakṣiṇa* 'right', Av. *daīna* (داین)

Again, Skt. *kṣīra* 'milk,' Persian *xiṛ* (شیر) ; Skt. *ksapā* 'night,' Av. *haxp* (هخسپ) Pers. *šab* (شب).

Now, the interchange of the three sibilants, ś, ṣ, and s, in Vedic language, even at the time of the Saṃhitās, is found not unfrequently. As for example, *vāśī* 'a kind of axe' or 'a pointed knife' (RV. I. 88. 3), and *vāśi* (Av. X. 6. 3) ; *kéśa* 'hair' (RV. X. 105. 5), and *kéśa-ra* 'the hair of the brow' (VS. XIX. 91) ; *kūśma* (VS.) besides *kūśma* 'a kind of demon' ; √ *sru* beside √ *śru* 'to flow' 'to go,' as in *śrūvat* (RV. I. 127. 3) ; *śvātrya* (RV. X. 49. 10) 'dainty' from √ *svad* 'to test.'⁴

Thus we have no difficulty in accounting for ś in *Śūdra* from *kūdra*.

For the long vowel ū in *Śūdra* instead of a short one, ũ, as in the original word compare *tiṣṇā* and *tigmā* (RV.), 'sharp,' from √ *tij* 'to be sharp' ; *hālikṣṇa* (TS.) beside *halikṣṇa* (VS.) 'a kind of animal' ;⁵ and *śikṣā* beside *śiksā* (Taitti. Up.) 'one of the six Vedāṅgas'.

THE EVOLUTION OF INDIAN COINAGE BEFORE THE CHRISTIAN ERA.

By P. N. RAMASWAMI, B.A. (Hons.).

FOR more than seventy years the varied coinages of India, which extend over a period of 2,500 years have been diligently studied by a multitude of collectors and scholars, whose labours have had a great share in the gradual recovery of the long lost history of ancient Indian coinage. The history of the evolution of Indian coinage before the Christian era is however admittedly obscure. And, although much has been done, the numismatic field is so vast, and the difficulties of its thorough exploration are so great, that ample scope remains for further researches. In the following sketch an attempt is made, so far as the prescribed limits of space permit, to give a general view of the evolution of Indian Coinage before the Christian era.

The early history of Indian coinage cannot be traced back further than the Vedic period (B.C. 2000—1400). References to precious metals in the *Vedas* are financial and industrial: we get a good idea of working in precious metals in Vedic times from the description of various gold ornaments, utensils and implements of war which is to be found throughout the *Ṛig-veda*. Gold, which was variously called, Candra, Jātarūpa, ("possessing native beauty") Suvarṇa ("beautiful") Harita and Hiranya was widely used. Goldsmiths melted gold and fashioned bright jewels (*aṅgi*) such as necklets (*nishka*) ear-rings (*karna-sobhana*) and even cups. They made anklets (*khadi*) girdles, chains, water-cwels, and images of kings. The smith sought "after the man who possessed plenty of gold, with well dried wood, with anvil, and bellows to kindle the flame" (*Ṛig-veda*). The word *Hiranya-kaṣipu* of the *Brāhmaṇas*, frequently met with in the *Vedas* denotes a "golden seat" probably one covered with a cloth of gold ; and Dr. Macdonell guesses that the word *Hiranyadant* (gold-toothed) refers to the use of gold to stop the teeth. We have also references in the *Ṛig-veda* to golden helmets, breast-plates for the breast and crowns for the head.

"It is hardly possible" says Dr. Macdonell (*Vedic Index*, Vol. I, pp. 504) "to exaggerate the value attached to gold by the Vedic Indians. The metal was, it is clear, won from the bed of rivers. Hence the Indus is called "golden" and of "golden stream." Apparently

⁴ See Macdonell's *Vedic Grammar*, 53, and the Introduction to my *Pāliprakāśa*, p. 81 sq.

⁵ Macdonell's *Vedic Grammar*, p. 6.

the extraction of gold from the earth was known and washing for gold is also recorded. Gold is the object of the wishes of the Vedic singer and golden treasures are mentioned as given by patrons along with cows and horses. It was also put to a variety of industrial uses." Such widespread use of gold undoubtedly paved the way for a gold currency.

'A gold currency,' to quote again Dr. Maedonell (*Ibid.*, p. 504) was evidently beginning to be known, in so far as definite weights of gold are mentioned. Thus a weight *astaprad* occurs in the *Saṁhitās* and the golden *śatamāna* "weights of a hundred" *kṛṣṇalās* is found in the same texts. In several passages moreover *hiranya* and *hiranyāni* may mean pieces of gold. Geldner is inclined to think that a gold unit is alluded to in the *Ṛig-veda*.

Silver is rarely mentioned; but find references here and there in the *Atharva-veda*, to ornaments (*rukma*) dishes (*patra*) and coins (*niska*) made of silver (*Vedic Index*, Vol. II, p. 197). Next to gold and silver, the word *ayas* is often referred to; and since in the *Atharva-veda* *śyamam ayas* and *lohitaṁ ayas* (black metal, red metal) are both mentioned, we may infer that smiths worked in copper too, a conclusion strengthened by the fact that copper vessels alone were allowed to be used for holding consecrated water in all ceremonial. It is unlikely that coins were manufactured out of the "holy" metal.

In time, there are some passages in the *Ṛig-veda* which would indicate the existence of current money for the purposes of buying and selling. We have instances of Rishis acknowledging the gift of a hundred pieces of gold and there can be no doubt, pieces of gold of a certain fixed value were used as money, as indicated in these passages. Mr. P. T. Srinivas Aiyangar (*Age of the Mantras*, p. 41) finds a reference in the *Ṛig-veda* to the golden *mana*, an old semitic measure or coin. At the same time it must be frankly admitted that there is no distinct allusion to coined money in the *Ṛig-veda*. The word *nishka* is often used in a dubious sense. In some passages it means money, in others it means a golden ornament for the neck. The two interpretations, as an eminent writer points out, are not necessarily contradictory, for in India pieces of gold have habitually been used as ornaments for the neck since times immemorial (Dutt, *Civilisation of Ancient India*, Vol. I, p. 39).

Next, comes the epic period (1400—800 B.C.). The question what coin was then in use is, as Mr. C. V. Vaidya remarks (*Epic India*, pp. 222, 223), very difficult to decide. "The rupee was certainly not in use," says Mr. C. V. Vaidya (*ibid.*) "as it is not mentioned in any ancient work but the silver *kārshāpaṇa* must have been in existence, as mentioned in the Buddhist works. The word however does not occur so far as we remember either in the *Mahābhārata* or *Rāmāyaṇa*. The word used is *Nishka* which was clearly a gold coin. The value of the *nishka* seems to have been considerable for in one place it is said that the Brahmins were glad when they were given a *nishka* each in gift cried, "you have got a *nishka*, you have got a *nishka*!"

This evidence is further strengthened by the fact that in the epic period the wealth of rich men is said to have chiefly consisted in gold and silver. Gold was considered a proper gift at sacrifice, the gift of silver being strictly prohibited. The reason is sufficiently grotesque, as the reasons generally given are: When the gods claimed back the goods deposited with Agni, he wept and the tears he shed became silver; and hence if silver is given as *dakṣiṇā* there will be weeping in the house! The reason scarcely veils the cupidity of the priests; but at the same time it evidences the filip given by the Brahmins to the circulation of a gold currency.

In the Buddhist period (B.C. 800—320) we come to a well-marked stage in the evolution of Indian coinage before the Christian era. According to Mr. V. A. Smith (*Imp. Gazetteer*,

vol. II, ch. IV, p. 135), the introduction into India of the use of coins, that is to say, metallic pieces authenticated as currency by marks recognised as a guarantee of value should be ascribed to the seventh century B.C. There is reason to believe that the increasing necessities of commerce with foreign merchants were the immediate occasion for the adoption by the Indian peoples of a metallic currency. The old system of barter, as Dr. Rhys Davids points out (*Buddhist India*, p. 100), had entirely passed away, never to return. The latter system of a currency of standard and token coins issued and regulated by government authority had not yet arisen. Coinage as Mr. James Kennedy justly observes, was according to Oriental ideas, "the business not of the state but of the banker and merchant" (*JRAS.*, 1898, p. 281). In accordance with this principle, the earliest Indian currency was struck by private persons, not by governments. Transactions were carried on, values estimated and bargains struck on terms of the *kahāpana*, a square copper coin, weighing about 146 grains, and guaranteed as to weight and fineness by punch marks made by private individuals. Whether these punch marks are the token of merchants or simply the bullion dealers is not certain.

"The most archaic looking coins" says Mr. Vincent Smith (*I.G.*, vol. II, p. 136), "are punch-marked copper pieces, found at extremely ancient sites near Benares. These rare copper pieces are possibly older than any silver coin, and may be a memento of Babylonian trade by overland routes."

Silver coins were not unknown. Some of the silver coins, known to have circulated at this time, have been discovered by modern numismatists. The greater number of these silver coins are roughly square or oblong bits of metal cut out of a strip and containing about 20 per cent. of alloy. The circular pieces are scarce. The marks on the punch-marked coins whether circular or square are extremely numerous and varied. They comprise rude outlines of men, animals, trees, the sun, and a variety of miscellaneous objects. Legends are always absent. The Laws of Manu denote coins of this kind as *purāṇas* and Southern writers call them *salākās* or "dominoes."

Silver, however, was never produced to any considerable extent in India, but has always been, as it still is, one of the chief items in the list of imports. "The Phœnicians before the time of authentic history"—writes Prof. H. D. Macleod (*Bi-Metallism*, sec. 6, p. 63) brought silver from Tartessus and exchanged it for the gold dust of the Indus, which Sir Alexander Cunningham, the first authority on the subject, holds to be Ophir." Even in the Vedic times silver is very rarely mentioned (P. T. S. Aiyangar, *Age of the Mantras*, p. 29). Silver coins consequently cannot have been very considerably minted in ancient India.

The references to gold coins are late and doubtful and no such coins have been found. (Rhys David's *Buddhist India*, p. 100). Some thin gold films with punch-marks upon them were found in the Sakiya Tope, but these are too flimsy to have been used in circulation as coins. It is said that gold was not coined at this time, but was kept as dust tied up in little bags, which passed current as equivalent to money. History records that the Persian King Darius, who invaded India about 500 B.C., exacted 360 talents of gold dust from a king of Northern India as tribute. This gold dust Darius got coined into darics.

Besides these coins there was a very considerable use of instruments of credit. The great merchants in the few large towns gave letters of credit to one another. And there is constant reference in Buddhistic works to promissory notes. There were no banking facilities. Money was hoarded either in the house or buried in jars under-ground, or deposited with a friend, a written record of the transaction being kept.

Alexander's victorious progress through the Panjab and Sind in 325 B.C. produced little effect on the Indian coinage. A few cast coins usually of copper or bronze, inscribed with characters dating from about 300 B.C., are found in Northern India. Though our information of coinage in the Mauryan India is imperfect, we have some references to Mauryan coinage in the *Arthaśāstra*.¹ The bulk of the payments seems to have been made in the copper *kārsha* and silver *paṇa*. No specimen of a silver *paṇa* is known, but it was presumably of the same weight as a copper *kārsha*, namely about 146 grains. The "punch-marked" pieces impure silver (*purāṇa* or *dharana*), which are known to have been in ordinary use in the author's time, were struck to a standard of about 56 grains. Possibly this silver *paṇa* may have been only a money of account. The value of a silver *paṇa*, which presumably was much alloyed, like the "punch-marked" coins, may be taken as not far from a shilling. Gold coins were not unknown. We have no other information of the coinage of Mauryan India.

The history of Indian coinage during the post-Mauryan period—which ends for us with the beginning of the Christian era—can be conveniently dealt with under the two heads, *viz.*, (i) indigenous and (ii) foreign.

(i) For the history of the indigenous coinage we must go to the *Śukranīti*.² Several references in *Śukranīti* point to gold and silver, specially the former being the "measure" or standard of value. Their function as the medium of exchange is also frequently indicated. The use of gold in both the functions of money as the standard of value as well as the medium of exchange is referred to in the following lines :

(1) That man is to be in charge of jewels, gold, silver and coins, who can distinguish their values by the weight, shape, lustre, colour and resemblances.

(2) Houses are meant for gold, jewels, silver *nishkas* or coins, etc.

(3) *Dravya* (*lit.*, goods) is silver, gold and copper coined for commercial purposes.

Like the sun and moon, gold and silver have been mentioned in *Śukranīti* almost as twins. References to the two metals have been made together both explicitly as well as implicitly. Thus our information about silver is nearly the same as about gold, whether as regards (1) the uses as money, *i.e.*, standard of value and medium of exchange, (2) or as regards the circulation as legal tender. The *Śukra* statesmen have supplied us with parallel facts on all these points.

It may be noticed here that both gold and silver seem to be mediums of exchange and "legal tender" in the *Śukranīti*. Prices are mentioned sometimes in terms of gold, often in terms of silver. "Eight *ratīs* make one *māsa*, ten *māsas* make one *suvarṇa*. Five times that *suvarṇa* make eighty silver *kārshakas*." The *suvarṇa* and *kārshaka* are gold and silver coins respectively and one *suvarṇa* is equivalent to sixteen *kārshakas*. The same rates are also noted by *Śukra* as determining the comparative value of gold and silver as bullion or ingot. Thus "the value of gold" was sixteen times that of silver.

"It would be thus evident," says Benoy-kumar Sarkar, "that both nominal or 'face' value and intrinsic or 'real' value of the coins were the same. There was no law artificially regulating the price of the coins and the precious metals. The market value of the metals (as indicated in the relation between gold and silver as bullion) was maintained in the currency.

Copper coins were also extensively used. A *paṇa* was a piece of copper coined by the king weighing ten *māsas*. Excluding gold and silver, copper had the lowest value in the realm. "The value of silver was 80 times that of copper."

¹ *Trans.* R. Shama Sastri.

² *Trans.* B. K. Sarkar.

(ii) The history of the foreign coinage—which was introduced into India at this time—broadly resolves itself into a history of the Bactrian coins. We cannot do better than quote Mr. V. A. Smith, who has succinctly described the Bactrian coinage in the following words:—

“In the middle of the third century B.C. the independent Bactrian kingdom was separated from the Seleucid empire of Syria, and in the following century several Bactrian monarchs, notably Eucratides and Menander, made incursions into India, where their coins are now found. Scions and connexions of the Bactrian royal family established themselves as rulers of principalities in the countries now known as Afghanistan, Baluchistan and the Punjab which became Hellenized to a considerable extent.

These princes issued an abundant currency chiefly in silver and copper, modelled on Greek lines, and up to about 150 B.C. exhibiting a high degree of artistic merit. Some of the foreign kings on the border adopted the characteristic Indian square form for their coins, which in other respects also indicate the influence of Indian ideas. Bilingual legends were adopted to meet the convenience of a mixed population, and the devices reproduced familiar Indian objects. The later Indo-Greek issues are semi-barbarous in style. The Punjab excepted, India was little affected by ideas of the west, and the vast populations of the interior continued their purchases and sales through the medium of the indigenous private currency. For this reason no coins are known bearing the name of Asoka or any other member of the Maurya dynasty founded by his grandfather Chandragupta.

The working of Greek influence may perhaps be traced in the fact that the coins erroneously attributed by some authors to the Suiga dynasty bear the names of kings Agni-mitra and others. The coins of the later Andhrabhṛitya (or Andhra) dynasty which are Northern in type although geographically belonging to the South, also frequently record the name of the reigning sovereign. But the old system of private coinage continued.” (*Imp. Gazetteer*, vol. II, ch. IV, p. 138.)

ORIGIN OF THE GODDESS PARŪṢABARĪ.

By RAI BAHADUR B. A. GUPTE.

THE goddess Parūṣabarī described by the Curator of the Dacca Museum in the *Statesman* of 29th February 1920, seems to have been evolved out of the accepted figure of the Orion. That constellation is called Kālapurusha in Bengal and Mriga in Bombay. The three stars in the belt of Orion, the mighty hunter of the west, represent the three heads of the goddess. Long before the importance of the study of the stars was recognised, says R. A. Proctor in his *Myths and Marvels of Astronomy*, men had begun to associate with certain star-groups the names of familiar objects. They are figured with innumerable combinations which a fanciful eye can recognise among the orbs of heaven. They show that the first observers of the heavens were shepherds, huntsmen and husbandmen. These primitive folks depended for their subsistence on a familiarity with the progress and vicissitudes of the season. Their observations are full of interest to the student of Ethnology, inasmuch as they depict the unwritten early history of man, as if in a hieroglyphic script. If we could but learn with certainty the names assigned to certain star-groups we could deduce lessons of extreme importance, throwing side lights on the evolution of the religious beliefs of the different races. When in long past ages a star-group really resembles a known object, we have, in the present resemblance of that group to the same object, evidence of the general constancy of stellar lustre. When we see that the figures assigned to certain star-groups are named after some mythological incidents, we feel sure of its origin from the myth, or *vice versa*. In the latter use the mythological story has its origin from the shape of the star-group. Such is the case with the shape of the goddess Parūṣabarī. Chronologically this figure shows its connection with the struggle between Hinduism and Buddhism.

Orion, Lepus and the dogs have been grouped together to imagine the figure of Dattātreya, the three-headed god, his cow and his dogs, as I have described in my book on *Hindu Holidays and Ceremonials*. Similarly, Orion is in this case utilized for sketching mentally the

main figure of Parnaśabari and the constellation Karka (Crab) has been shown as Gaṇeśa, while the Centaur has been made use of in depicting the man on horse back. Homer records that Orion was the "more refulgent" of the constellations. This mighty hunter Orion is turned, in this case, into the equally mighty Parnaśabari. But Orion is called Mṛiga in the Indian astronomies. The three stars in the head of the antelope represent here the three heads of the goddess. The flames on the head or group of heads possibly refer to the following circumstance recorded by Proctor. He says that there was an apparition of Hailley's comet in the year 66 A.D. That approximately is the time of the struggle of the Śaivas with Buddhists.

Pope, who makes frequent references to heavenly bodies, introduces a comet in Book IV:—

As the red comet———

With weeping glories glides along the air

And shakes the sparkles from its blazing hair,

Between two armies thus in open sight

Shot the *bright goddess* in a trail of light.

It must be admitted that poets succeed better with fiction than with truth. It is therefore not difficult to suppose that the fire shown on the combined head of the goddess Parnaśabari was suggested by the simultaneous appearance of Hailley's comet. It has been proved from the study of Assyrian sculptures that representations of the constellations were common among the Babylonians, as Sabaeism or star worship was the prevailing form of religion in olden days.

Proctor tells us, in his essay on the *Origin of the Constellation Figures*, that men imagined certain figures in the heavens, pictured these figures in their astronomical temples and *made stories to fit the pictures*. I am inclined to add, as I have done in my book just mentioned, that these figures and the stories about them were intelligently coined for fixing into the memory, before the art of writing was invented, the position of the stars in relation to the apparent progress of the sun and the moon through the celestial vault. In fact, these are the hieroglyphics which were invented to fix in memory the old astronomical discoveries and researches and supplemented by suitable stories to further help the memory. These hieroglyphics of the original astronomers have been appropriated by subsequent composers of religious myths or mythologies each in his own way. For instance, Orion itself is turned into Trimūrti or Dattātreyā by the Vaiṣṇavas and mixed up into the Śaivite antelope—story of the Mahāśivarātra. Similarly, Buddhists, the rivals of the Hindus, shaped the same constellation into Parnaśabari and her enemies, Indra, Chandra, Gaṇeśa and Mārtaṇḍa.

If we examine these star-groups to-day, we may not be able to reproduce the exact shape of the original figure, because the earth, besides whirling once a day on its axis, and rushing on its mighty orbit around the sun (spanning some 184,000,000 of miles), reels like a giant top, with a motion so slow that 25,868 years are required for a single circuit of the swaying-axis round an imaginary line up right to the plane in which the earth travels. In consequence of this reeling motion the points of the heaven opposite the earth's poles necessarily change, and thus the position of the star-groups changes, causing a distorted view of the original. In spite of this variation, it is quite possible to imagine a figure resembling Parnaśabari.

The following description of Hecate, or Triformis or Tergenina, that is, the triple goddess of the ancient Grecians may be compared with advantage:—

"Alcamenes, who flourished about four hundred and forty years before the Christian era, was the first, according to Pausanias, who thought of making a statue of this goddess, with three faces and three bodies *back to back*. In the six hands were placed a sword, poniards, whips, cords, torches, a crown of laurel, and a key."

DATE OF LAKSHMANASENA AND HIS PREDECESSORS.

By DINESH CHANDRA BHATTACHARYYA, M.A.

It is a curious fact that, with the great progress of historical research in our country, the date of the last independent Hindu ruler of Bengal has been thrown out of a definite certainty into a confusion of conflicting evidence. For the synchronism of Lakshmanasena and Bakhtiyār Khilji, which has long been a household tale in Bengal, has recently been assailed by a band of scholars headed by Mr. R. D. Banerjea, who seem to have derived their inspiration from an abandoned theory of the late Dr. Kielhorn. The latest contribution to the subject is from the pen of Mr. N. G. Mazumdar, who, in deciding the question under cover of a modest and partial discussion of the "Lakshmanasena Era,"¹ seems, like an "orthodox" epigraphist, to ignore, if not to fight shy, of the numerous literary and historical evidences bearing on the question. Before examining the views of Mr. Mazumdar, it is we think necessary to put forth and discuss all the evidence, which would furnish strong reasons for throwing doubts on the apparently convincing arguments of Mr. Mazumdar and which have not hitherto been fully and clearly stated in their latest developments.

Vallālasena is reputed to be the author of the *Dānasāgara* and the *Adbhūtasāgara* and as far as we know his authorship has not yet been, as it clearly cannot be, questioned. At the end of at least two MSS. of the *Dānasāgara* occurs the following verse.²

निखिल (नृप) चक्रतिलक श्रीमद्वल्लसेनेन पूर्ण ।

शशिनवदशमिते शकवर्षे दानसागरी रचितः ॥

This is followed in a single MS.³ by two other verses referring to the same date, 1091 *Saka* (1169-70 A.D.), when clearly the work was finished. Mr. R. D. Banerjea and his supporters can only pronounce these verses to be an interpolation—"clever and ingenious interpolation by shrewd and unscrupulous Brahmins"⁴—because they are not to be found in several other MSS. of the work discovered up to date, and the copies in which they occur are only 2 or 3 centuries old. It is however difficult to comprehend what purpose can be served by a simple statement of a false date of composition and what cleverness, ingenuity or shrewdness was displayed in making the interpolation. Anyone acquainted with MS. literature in Sanskrit knows that the introductory or concluding verses and colophons, which have no direct bearing on the subject of a book, are very often omitted in copies. And if we once accept the charge of interpolation put forward by Mr. Banerjea, we shall have to question many a statement that has found general acceptance in the history of Sanskrit literature. Thus, the concluding verse of the *Bhāṭṭikāvya* connecting its author with Valabhi is omitted in most Bengal MSS. and the full colophon to the same work is found only in extremely rare copies.⁵ The well-known concluding verses in the *Śiṣupālavadha* relating to the personal history of Māgha are omitted even by Mallinātha. The dates of Ramānātha, the famous grammarian of the Kāśī School and of Gopāla Nyāyapañchānana,⁶ the

¹ *Ante*, Vol. XLVIII, p. 171 ff. Mr. Banerjea still clings to his own views in his latest utterance on the subject in *E. I.*, Vol. XV., p. 281.

² *JASB.*, 1896, pt. I, p. 23. Also *Ind. Office Cat.* (Eggeling), p. 545.

³ *Notices of Sans. MSS.* (H. P. Sastri), vol. I, p. 170. Also *JASB.*, 1913, p. 276.

⁴ *Ante*, Vol. XLIV, p. 216. For Mr. Banerjea's arguments, *vide JASB.*, 1913, pp. 274-77. *The Plāas of Bengal*, p. 105.

⁵ H. P. Sastri: *JASB.*, 1912, p. 239.

⁶ For Ramānātha, *vide* Eggeling: *I.O. Cat.*, p. 295. For Gopāla, *vide* *Notices of Sans. MSS.* (R.L. Mitra), No. 3188.

celebrated *Smṛiti* writer of Bengal, are found in single copies of their respective works, which are nevertheless available in any number throughout Bengal. Far from regarding such verses as interpolations, scholars have hitherto hailed them as extremely fortunate and rare discoveries, without waiting till the Doomsday to verify them from never-to-be-recovered contemporary copies. Moreover, in the case of the *Dānasāgara*, the argument based on the lateness of the MS. copies loses much of its force from the important discovery made by the late Mr. Chakravarti, that the celebrated *Smṛiti* writer Śrinātha Āchāryachūdāmaṇi (fl. *circa*, 1500 A.D.), who was Raghunandana's *guru*, not only cites, without the least suspicion, the above date of the *Dānasāgara*, but vouches for the genuineness even of the very two verses that follow in a single MS.⁷

The date of the *Dānasāgara*, moreover, agrees remarkably with that of its sister-work, the *Adbhutasāgara*, and even if we yield by admitting the date of the former to be an interpolation, we have no way to do the same with regard to the latter. The work was published fifteen years ago in 1905 by Prabhākari and Co., Benares, but curiously remained inaccessible to most scholars, who kept on referring to still more inaccessible MS. copies in their discussions. The publication disposes of all questions of rejecting the date of the work as contained in the following introductory stanza :

शकेऽभ्रनवखेन्द्वाख्ये अरिभेऽभुतसागरम् ।

गौडेन्द्रकुञ्जालानस्तम्भवाङ्महीपतिः ॥ (p. 4)

For this date of its commencement, 1090 *Saka* (1168-69 A.D.) has been repeated at least thrice in the body of the book, where no question of interpolation can reasonably be raised. Thus on p. 125, we have अथाभुतसागरारम्भशकाद्वात् षट्चहृद्युगगणनम् खनवदशोदकाद्वात् षड्गुणितात् etc. On p. 235 again, we have अतस्तन्मतेनैतत्तन्धारम्भशकाद्वर्षाधिगणनम्—खनवदशोपशके

On p. 236 occurs the following verse referring to the same date :

खनवद्वियदिन्दुहीना व्येकाः शकवत्सराः शरैस्तटाः ।

क्रमशीऽवसंपरीक्षान्विन्द्वाद्या वत्सराः पञ्च ॥

This verse seems to echo the sense of the two verses at the end of the *Dānasāgara*. It is a significant fact that in their campaign for interpolation, Mr. Banerjea and his supporters confined themselves to the introductory verses only, ignoring the passages in the body of the book, to some of which the late Mr. Chakravarti had already drawn attention.⁸

This date of Vallālasena bears independent corroboration from other literary evidence of the period. In the introduction to his *Dānasāgara*, Vallāla refers to his *guru* Bhaṭṭa Aniruddha "of Varendrī" (वल्लभो वरेन्द्रीनले), who helped him in the compilation of the book. This man has been happily identified with Aniruddha, author of the *Hāralatā* and the *Karmopadeśinīpaddhati*, whose title *Champāhītīya* marks him out as belonging to a clan of Vārendra Brahmins. Aniruddha refers to the *Kalpataru* of the famous Lakshmīdharabhaṭṭa, who flourished under Govindachandra of Kanauj (1114—1156 A.D.)⁹. Aniruddha and his patron Vallāla cannot therefore be placed before the third quarter of the 12th century A.D.

Similarly, in the introduction to his *Adbhutasāgara*, Vallāla records his indebtedness to one Śrinivāsa in a glowing verse, which however appears in a corrupt form in Bhandarkar's *Report* and worse still in the printed edition. With a slight emendation in Bhandarkar's reading we can easily get the following correct version¹⁰.

⁷ *JASB.*, 1915, p. 347.

⁸ *Ibid.*, 1906, pp. 17 and 171.

⁹ Eggeling's *Cat.*, pp. 474-5. Chakravarti : *JASB.*, 1912 ; p. 344. Also 1915, p. 360.

¹⁰ Bhandarkar's *Report*, 1894, p. lxxxv : for Śrinivāsa of the *Śuddhidīpikā*, vide Chakravarti, *JASB.*, 1915, p. 334.

मीमांसानयमांसलस्मृतिपरामर्शप्रकर्षस्फुर-
वेदांगागमतद्वानिस्त्रपमतिं मन्येऽत्रपृथ्वीपतिः ॥
युक्तायुक्तविवेचनप्रणयिनं प्रीत्या महिन्तापनी-
वंशोत्तंसमहर्ष्यरत्नमनघश्रीः श्रीनिवासं व्यधात् ॥

So this Śrīnivāsa "a priceless jewel of the ornament of the *Mahintāpanī* family" can easily be identified with the celebrated author of the *Śuddhidīpikā*, who is also styled in colophons as महिन्तापनीव. His date can be definitely fixed by the following quotation in Sarvānanda's दीकासर्वस्व (*Triv. Sans. Series*, Pt. I, p. 91) :

इदानींचैकाशीतिवर्षाधिकसहस्रैकपर्यन्तेन शकाब्दकालेन (१०८२) षष्टिवर्षाधिकद्वित्रिवारिंशच्छतानि कलिसन्ध्यायाभूतानि (४२६०) तथा च गणितचूडामणौ-श्रीनिवासः "कलिसन्ध्यायाः खसमयकरकृतवर्षाणि" ॥
The famous commentator Rāyamukṣa, who was himself of the *Mahintāpanī* family, leaves us in no doubt as to the identity of the author of the lost *Gaṇitachūdāmaṇi* by thus improving on the gloss of Sarvānanda¹² :

तथा च गणितचूडामणौ महिन्तापनीय-राजपंडित श्रीनिवासः " कलिसन्ध्यायाः
Śrīnivāsa, therefore, wrote in 1081 Saka (1159—60 A. D.) and his patron Vallāla cannot be placed half-a-century earlier.

Lastly, Śrīdharadāsa, author of the *Saduktikarṇāmrita*, which was written in 1206 A.D., was the son of Vaṭudāsa, a friend and feudatory of Lakshmanasena.¹³ This points to the latter half of the 12th century A.D. as the probable date of Lakshmanasena. The cumulative effect of these numerous literary references is, we think, enough to rebut the almost absurd position taken by Mr. R. D. Banerjea, when he remarked—"If on later enquiry these verses can be found in all the MSS. discovered, even then they cannot be accepted as basis for the construction of a chronology, so long as they are to be found in modern MSS." (*The Pālas of Bengal*, p. 105.)

The literary evidence is definitely supported by historical evidence. In the Deopādā inscription there are two verses (20 and 21) recording the conquests of Vijayasena. The manner of the verses seems to indicate that Vijayasena considered himself glorious by defeating several kings, presumably of long-established reputation, especially Nānya(deva) of Mithilā; who is mentioned first of all in both the verses and it may be fairly assumed that it was Vijayasena, and not Nānyadeva, who must have survived the other. The traditional date of Nānyadeva of Mithilā is 1039—1125 A.D., which is remarkably verified by a known date (1097 A.D.) and the following stanza recording the date of an erection¹³ :

नन्देन्दुविन्दुविधुसम्मितशाकवर्षे तन्भावणे सितदले मुनिसिद्धिर्था ।

स्वाति (?) शनैश्चरदिने करिवैरिलमे श्रीनान्यदेवनृपतिर्विदधीत वास्तुम् ॥

Though we are unable to trace this verse to any authoritative work, it looks like a genuine record, which quite regularly works out to be July 18, 1097 A.D., morning Śudī 7, Saturday, and Svati. On the other hand the date of Vijayasena, according to Mr. Banerjea, would be 1076-1108 A.D. at the latest, and from the recently published Barrackpur plate of Vijayasena, dated, according to Mr. Banerjea, in his 32nd year, we gather that Vallālasena had already taken over charge (in 1108 A.D. at the latest) of royal affairs, as he finds honorable place in the metrical portion of the inscription in the right royal fashion with his *viruda* निःशकशंकर. attached

¹¹ Eggeling : *I. O. Cat.*, p. 271.

¹² Chakravarti : *JASB.*, 1906, p. 174.

¹³ *Vāṅglār Purāṇvritta* by P. C. Banerjea, pp. 255-56 (foot-note). Also *The Brahmins and Kāyasthas of Bengal*, by G. N. Dutt (Madras, 1906), p. 76, for the length of Nānyadeva's reign. The verse quoted is found in several other vernacular works in Bengal, none of which cite the original source. For the known date, *vide Ep. Ind.*, Vol. I., p. 309.

to his name. So the conquests of Vijayasena must have been effected much earlier in his reign, at a time when Vijayasena, far from being a younger or even a true contemporary of Nanyadeva, becomes in Mr. Banerjea's chronological scheme decidedly elderly.

Vijayasena, moreover, is described in the Deopâdâ inscription as having "attacked the king of Gauda" (गौडेन्द्रमद्रवत्). Who was this *Gaudendra*? Scholars have been almost unanimous in their opinion that it was Madanapâla, who was defeated by Vijayasena. Already Mr. Banerjea is at great pains to synchronise Vijayasena and Madanapâla. In one place he states that Madanapâla must have been defeated "sometime after the year 1108." In another place he places Vijayasena's death "about the year 1108."¹⁴ But in my paper on a "Chronology of the Pâla Dynasty,"¹⁵ I have shown that Madanapâla usurped the throne in 1115 A.D., so that the reign of Vijayasena in Mr. Banerjea's scheme falls entirely within that of the great Râmapâla, who is not at all likely to have been the *Gaudendra* put to flight by Vijayasena. In the legendary work *Sekhasubhodayâ*, Râmapâla is said to have been succeeded in his kingdom by Vijayasena. Moreover, Vijayasena merely put the king of Gauda to flight. The destruction of the Pâla kingdom must then have been effected by one of his successors. Lakshmanasena on the other hand is credited in the inscriptions with having defeated the kings of Kâsi (and Prayâga), Orissa and Kânarûpa,¹⁶ indicating that Gauda and Magadha had already come completely under the sway of the Sena dynasty, evidently by the conquests of his predecessor Vallâlasena. This is supported by the fact that Vallâla describes himself in the introduction of the *Adbhutasâgara* as "endowed with arms that served as tying posts for the elephant viz., the king of Gauda" (गौडेन्द्रकुञ्जराजानस्तम्भादुर्महीपतिः) This conquest of Gauda (and Magadha) by Vallâla becomes impossible in the chronological scheme of Mr. Banerjea, according to which Vallâla died in 1119 A.D., when, as we have shown, Madanapâla was just 4 years on the throne. The destruction of the Pâla kingdom is, for all we know, referred to the reign of Govindapâla, and most certainly not to the beginning of Madanapâla's reign.

(To be continued.)

BOOK-NOTICE.

ANCIENT INDIA, by PROFESSOR U. N. BALL, M.A.
Kamala Book Depôt, Calcutta and Patna, 1921.

I must commence my notice of this book with an apology. It is a year ago since I promised Professor Ball that I would review it in this *Journal*, but one thing and another has prevented me from giving it attention.

"The object of writing the book is to provide a suitable compendium for University students."

Professor Ball has therefore set out to write a University text book of the history of Ancient India, and it is from this standpoint that the book must be viewed. It is in sixteen chapters and takes us up to Harshavardhana, i.e., to 647 A.D., the last two chapters dealing with the "Smaller Kingdoms of Northern India" and the "Kingdoms of Southern India" as far as the Muhammadan supremacy (1192 A.D.).

¹⁴ *The Pâlas of Bengal*, p. 103 and p. 105.

¹⁵ *Ante*, Vol. XLIX, p. 189 ff.

¹⁶ In the Madanapâda plate of his son Viśvarûpa (*JASB.*, 1896, pt. I, p. 11) Lakshmanasena is described (verse 12) as having installed victory pillars in the three holy cities of Puri, Benares and Allahabad. In his Mâdhânagar plate Lakshmanasena is called a गौडेन्द्र and a conqueror of Kânarûpa (line 32), as well as of Kâsi and Kalinga (ll. 19-20), *vide JASB.*, 1909, p. 473. But in line 19 we have an interesting passage which has escaped the notice of scholars: it runs (slightly emended) as follows: "आसीद्गौडेन्द्र श्रीहरेहरणकरी यस्य कोमारकीलः"—"whose youthful (when he was a prince) sport consisted in forcibly taking away the lady, viz., the Royalty of the king of Gauda." We have thus epigraphic evidence to show that the final defeat of the king of Gauda was the work of Vallâla, who was largely helped therein by his son, then a prince.

The first chapter on the physical features is a fair summary of the situation, viewed from the point of giving the student a general idea, and the only statement with which I cannot agree is that on p. 8, which says that "Burma is a very low land." As a resident in Burma off and on for many years, my idea of that country is that it is mainly a hilly land. Also I suggest that in any future edition of the book the closing paragraph of the first chapter on "unity" be modified (p. 9). The deeper one goes into the matter the more certain it becomes that the population of India is not more united nor more diverse than any other large community of human beings—than the population of the European continent for instance. Hinduism in India and Christianity in Europe exhibit the same unity, the same continuity, the same diversity, the same powers of assimilation and influence. In fact, Christianity, Hinduism, Islam and what one may call "Chinaism" show on close study the essential unity of one thing only—the mind of man as a whole. They are all phases of it. All the continuity there is in any one of them lies in the consideration that in their respective developments they have obeyed the natural law of following each its main principle chiefly and borrowing and absorbing all that has come its way from the others.

This is a text-book for the younger generation, and as such, and as bringing to their notice the results of the latest research, I am in agreement with most of the statements therein. It is to my mind a fair and well-informed summary of the historical knowledge of the day. In many ways it is of use for the purpose of a *memoria technica* even for the advanced student and teacher. But being a text-book it is important that it should teach correctly, and hence it is important to point out where it appears to err.

The remarks on the *Vedas* (p. 12) that "they are the earliest literary records of man's manners and customs," and again, "The *Vedas* have been recognised as the oldest literature of mankind" (p. 29), and yet again, "The *Rig-Veda* is the oldest literature in the world" (p. 30), ignore many things: e.g., the history of Egypt, Babylonia, Judaism, Greece, Persia and China. It is not therefore a safe axiom to implant in the younger Indian student that his is the oldest civilisation. It would be better to teach him to think that the mind of civilisable man has advanced to much the same level in successive ages everywhere. There is not much to choose in the advance made

by the "advanced" populations in any given millenium, B.C. or A.D., wherever they happened to be situated. It should be remembered, too, that the Aryan invaders found a Dravidian population established in India quite as advanced as themselves. To teach that one's own civilisation is the oldest may be "patriotic," but it is not history.

There are several instances of this propensity in the book. "The belief in one Supreme God was searched by the Aryans, but it did not attain the fixity and uncompromising firmness of the Vedantic Theism" (pp. 25-26). This is, to say the least of it, a controversial statement. "The Hindus and the Parsis still worship the Sun: the former made so much progress in the knowledge of the universe that they denied that the sun ever rose or set (*Āitareya Brāhmaṇa*)". This is reading modern science into an ancient statement: not a safe proceeding (p. 26).

There are however points on which I heartily agree, e.g., (p. 17) "We have now an almost accurate chronological table starting with the time of Buddha," but I hope the young student will not think in consequence that no more research is worth while in chronology. (P. 15) "The gaps between the Old Stone Age and between the New Stone Age and the historic period have not been sufficiently surveyed," and to this fact the attention of students may well be drawn. I also heartily endorse the teaching (p. 20) that "no serious scholar supports" the idea that Negroes are kin to the Indian aborigines and that the Andamanese are "a group of that family," though I am not yet satisfied that the ancient forbears of the race from which the Andamanese spring did not once dwell in parts of India. On the other hand Professor Ball's teaching as to the main immigration of early Aryan invaders is clear and very useful to students (p. 22), and his remark that "*soma* (fermented liquor) was their principal beverage" (p. 24) is not only true but courageous in a Hindu.

Professor Ball teaches sound doctrine (p. 21) as to the relationship of the Aryan to the Dravidian civilisation, and he would do well to point out in a future edition even more forcibly how much modern India owes to Dravidian influence even up to modern times. His remark (p. 22) that the "Tantric form of worship in Bengal is considered a result of Mongolian influence" is worth every student's observation.

Sometimes Professor Ball has been misled by European authorities, as when he quotes (pp. 30-31)

Professor Rapson that the accuracy of the Vedic texts handed down by word of mouth for generations is something marvellous and unique. It is in fact a common phenomenon, where writing does not exist or is rare. The Hebrews could repeat their Scriptures with absolute accuracy; a *hāfiz* will repeat the *Qurān* from end to end without a fault. The same is true of the Buddhist texts in Burma and elsewhere. Some thirty years ago the broken fragments of the Kalyani Stones at Pegu containing the Pali text of the *upasanipada* form of ordination of Buddhist monks were set up again in proper order by Taw Sein Ko under my directions, because the text of the 15th century was word for word that which had been printed from word of mouth. At the very end of the 19th century A.D., Sir George Grierson could reconstruct the unwritten text of the verses of the Kashmiri Śaiva Yoginī, Lāl Ded, with complete accuracy after 600 years of "tradition," from the mouths of many writers unknown to each other. Instances of such memory have always been numerous in Europe.

If I have thus found something to criticise in Professor Ball's general principles, his chapter of the Vedic Age, and those that follow it, seems to me to teach the outlines of early Indian History with accuracy and insight, and I have only a remark here and there to make. The struggle between the Vedic Aryans and the aborigines is sympathetically described and Professor Ball might well draw attention to the analogy between the people who were "called Dasyus and their battle-cries... described as yells" (p. 34) and the Irish who were called Tories and their "hullaballoo." I may also mention, as a matter of common interest, that the thrice eleven gods of the Vedic literature still survive as the Thirty-Seven Nats of the Burmese world of ghosts, i.e. the subjects of the thirty-three rulers of the Buddhist Tāvātimsa Heaven, plus four extra ghosts of recent date. But as in the Vedas more names than thirty-three are found (p. 43), so there are more than thirty-seven in the complete list of the particular Nats to whom the Thirty-Seven belong.

I am not sure, however, that it is right to ascribe republicanism to the tribal states of the time of Buddha in N. India (p. 82). Republicanism is not a very safe word to use to students in describing a state of ancient society, where in all probability the independent clan's chief acted very much as a king. On the other hand, Professor Ball does very well to draw attention (pp. 94-95) to the analogy between the *Sapta-bhumaka-pasada*, or seven-storied building of Buddha's

time and the *ziggurat* of the Babylonians, and to similar ancient buildings in Ceylon. The palace in Mandalay in 1885 when the British took it, was a far-off echo of the old palaces of Nineveh and Babylon—pillared court, high plinth and all. The high plinth of many Muhammadan tombs and *masjids* in India, where it has no meaning, is due to the same very ancient style of building in a country like Mesopotamia liable to high floods, where it had a meaning. There is another analogy with Persia worth pointing out. Professor Ball notes (p. 109) that Chandragupta Maurya "was served by a highly-organised staff of news-carriers, who reported to him about the doing of his officers." More than 200 years earlier, Cyrus the Great established a corps of mounted official messengers, who travelled from end to end of the empire "more swiftly than the crane," to quote the ancient picturesque record. One wonders if this was one of the arts of government Chandragupta Maurya learnt from Alexander, just as he learnt his military administration (p. 115), though Professor Ball does not seem to acknowledge this.

Passing on to the early periods A.D., I am glad to see (p. 153) that as regards the legend of Gondophares and St. Thomas, Professor Ball does not altogether dismiss it as a fable. There is something to be said for it (see *ante*, vol. XLVI, pp. 268-269), but I cannot bring myself to hold with him that "the invasions of Alexander, Seleukos and Antiochos were mere raids" and left no practical effect. Personally I should like to see pp. 153-155 much modified, though Professor Ball has the great support of Dr. Vincent Smith. If my old friend were still alive I would willingly break a lance with him as to this subject. It does not follow that because national historians and chroniclers have ignored a fact or situation that it did not exist. The result of the first and second Burmese Wars was the loss of the best parts of their Kingdom to the Burmese, but their official chroniclers recorded that some Western barbarians applied for permission to occupy the territories and were graciously allowed to do so by a kind-hearted king.

The strength of Professor Ball as a fair-minded historian comes out well in the latter part of his work (pp. 156-236), where he deals with comparatively more recent and most difficult times. It appears to me that he disentangles the confused history of the first eight centuries A.D. with much success, considering the extreme difficulties of the subject. He is conspicuously successful with the Kushans and shows a knowledge of the research of quite recent date, though he clearly indicates

that his summary cannot be held to be final. It is, nevertheless, well calculated to lead the young in the right way. On p. 105, however, his reference to Hinduism in the Far East, and it may be added in the Malay Archipelago, is too slight for so remarkable a fact.

His account of the Indian Renaissance of the 3rd to 5th centuries A.D. is good, though he seems to me to attribute a rather higher character to the people than is humanly-speaking likely during the century of small local States between the Kushans and the Guptas. I am very glad, however, to note that he fully brings out the services of my old colleague, Dr. J. F. Fleet, the epigraphist, in elucidating this and much subsequent Indian history. The account of the Gupta Europeans is good and he does well to point out how great a man Samudra Gupta (c. 330—375 A.D.) was in every respect. One remark of his here is good "teaching," "A combination of States under the hegemony of a powerful kingdom has nowhere endured. India has not been an exception in the matter. . . . The empire [of Samudra Gupta] lasted so long as it was guided by a strong monarch, but it fell to pieces when the Central Government became weak" (pp. 167-168). But I would again warn him about revising the idea of ancient Indian "republics." If the Licchavis were a "republican" clan, they could not have had "princesses" to give to Chandra Gupta in marriage (p. 166) and so help him by marriage relations and inheritance to establish a "Kingdom" and thence an "Empire."

In the 5th century A.D. the White Huns (Ephthalites) swept down on Persia and India and during the 6th put an end to the great Gupta Empire. The description of these Huns is fair and well-informed, and the accounts of Toramana and Mihirakula, the Hun leaders, and of their opponents, Pura Gupta, Bālāditya, and Yāsodharman, are as clear as is possible at present.

My own idea of the division of dated Indian History is: Ancient from the foundation of the Saisunāga Dynasty, c. 664 B.C., to the Arab conquest of Gujarat, 766 A.D., i.e., to the end of the Valabhi Dynasty. Mediæval Hindus from the foundation of the Râshtrakuta Dynasty of the Deccan, 747 A.D., to Muhammad Ghorî's establishment of power at Delhi in 1193. Mediæval Muhammadans from 1193 to the accession of Akbar in 1556. Modern from Akbar onwards. Professor Ball closes his Ancient History with Harshavardhana's Empire, 606-647 A.D., but continues the history of minor States in the north, and of Southern History, up to the days of Muhammadan supremacy at the end of the 12th century.

Professor Ball's account of the very confused story of the rise of Harsha's short-lived Empire is clear and useful, especially as he points out (p. 188) that it was a personal rule, and hence liable to collapse when the commanding hand was withdrawn. I may point out here that we have to Harsha a fair parallel in Sher Shah Sûr, another really great man of similar type. On p. 189, however, the statement, "Ordeal by water, fire, weight or poison was an effective method of ascertaining the truth," wants reconsideration. On p. 194, the printer has served Professor Ball badly by printing the same line twice and obviously leaving out one containing a useful piece of information at present lost.

Professor Ball's account of the mediæval Rajput States is quite good as a well-informed summary leading students to enter on a course of useful study: indeed a monograph on Rajputs is badly wanted, if it be thought the time has come for one. On p. 209 he alludes to the cause of the fatal quarrel between Jaichand of Kanauj and Prithivi Raj of Ajmer owing to the latter's abduction of the Kanauj princess in 1175. But I think he hardly makes enough of this incident. To my mind it constituted a turning-point in Indian History, as the feud thus generated between the two great Rajput rulers of the Hindu frontier of that day enabled Muhammad Ghorî to overcome Hindu opposition and found the Sultanate of Delhi (1193).

Professor Ball turns lastly to Southern India, and here again he is clear and well-informed on a confused subject. If he reprints his book I suggest, however, that he brings out more clearly the enormous effect of pre-Hindu Southern India on Hindu ritual, even of modern times. A consideration of this subject will do more than perhaps anything else to explain the great divergence between Hindu philosophical religion and Hindu ritual observable everywhere. The reflex action of Southern Hinduism on Northern as exhibited by Śankarâchârya and Râmânûja and the Bhâgavatas generally is another and later consideration altogether.

The accounts of early S. India and the S. Deccan will be useful to students, but I suggest that the statement, p. 218, that Pulikêsin II "sent an embassy to the Court of Khusru II (Parvez), King of Persia, in 625-6 A.D." should be put the other way round. The great disturbers of the peace of S. India for about seven centuries were the Pallavas, of whom one would like to see much more discovered, as they were evidently no mean rulers. The latest research seems to show that they were originally really a local "Rajput"

tribe in the Eastern Deccan and not from the North, as Professor Ball thinks, or from beyond the North-west frontier as I have thought. One would like also to see even in such a summary as the present, more about the Andhras, evidently an important people of the far off Indian days.

On p. 227 Professor Ball says, "The Dravidians visited Babylonia and Persia." My own impression is that they did much more and that their cradle is to be sought in that region and not beyond the North-eastern borders of India. I have often wished that some Indian scholars would investigate such a thesis. Of the Cholas and what Professor Ball calls the Chalukya-Cholas, he has a fair summary: and I wonder if it has ever occurred to him that Kulottunga Chola's "Domesday Book" was put together in the very same year as was the famous English one of William the Conqueror, 1086 A.D. The great Tanjore Inscription of Rajendra Chola-deva (1007-1042) mentions the

Andamans and Nicobars, but I doubt his having conquered them—certainly not the Andamans (p. 232).

My last remark is to regret that Professor Ball's scope does not enable him to call to the student's mind the profound effect on S. Indian History of the raids of Alâu'ddin Khilji and Malik Kâfûr (pp. 233-234), and their successors of the fourteenth century onwards.

With this I close this review of a University Text Book which I have made long because of its importance as a source of authoritative information to the rising generation at its most impressionable age. If I have ventured on criticisms here and there, it is because of a desire to help in securing accuracy in future editions of a book conceived on the right lines.

Alas! there is no index. When will Indian writers grasp the value of an index to students?

R. C. TEMPLE.

NOTES AND QUERIES.

NOTES FROM OLD FACTORY RECORDS.

31. The Cost of Attempted Suicide.

2 September 1689. *Consultation at Fort St. George*. Francis Bett haveing by distemper and distraction lately wounded himself at Porto Novo factory, where for want of a Surgeon, they were necessitated to call the Dutch Surgeon to his relief and cure, which being chargeable to him, he requests that as being the Companys Servants, it may be allow'd by the Rt. Honble. Company which being consider'd of and that twas his own rash act, Tis orderd that he bear the half charge thereof, and that the Cheif doe allow the other half. (*Records of Fort St. George Diary and Consultation Book*, 1689, p. 72.)

32. Volunteer Training.

1 January 1690. *Fort St. George Diary*. According to the Governour and Councils order, the Citty Trainbands, containing all the Christian Inhabitants, also the Garrison Soldiers mett at the Generall place of Randevouz, which were divided into two Partyes and the methods of the millitary exercise Shewn them round the garrison, afterwards march't over the river to the Campaigne [open country, plain], where they did form and orderthem in a Batalion, and then treated them with a handsome dinner. (*Records of Fort St. George. Diary and Consultation Book of 1690*, p. 1.)

33. Punishment for Desertion at Sea.

January 1690. *Fort St. George Diary*. The ship Chandos fugitive seamen were this day examined and tryed by the President, Councill and some officers and were sentenced that four of them should run the Gantlett and ride the wooden horse,

the other four to be whipt aboard all the ships in the road with 15 stripes a peice. (*Records of Fort St. George. Diary and Consultation Book of 1690*, p. 3.)

34. A Lunatic Civil Servant sent to England.

22 February 1690. *Consultation at Fort St. George*. Mr. Bryan, one of the Honble. Companys writer[s], haveing been long time distracted, to the great trouble and charge of this place, where all endeavours and remedies have been used, and there being no hopes of recovery here. It is ordered that he be return'd home for England by Ship Chandos, where he may possibly find a Cure, being a Colder Countrey. The Captain is therefore ordered to receive him aboard and give him good usage and accomad[at]ion and the Paymaster to disburse 20 Pags. [Rs. 70] for cloaths &c. necessaries for him and advise it home. (*Records of Fort St. George. Diary and Consultation Book of 1690*, p. 14.)

35. Native objection to taking oath.

13 April 1691. *Consultation at Fort St. George*. The Custome house oath upon Masters for the manifest of their Ladeings creats so great trouble, dispute and dissatisfaction, particularly from Moores and Gentues [Hindus] who are averst to and forbidden swearing, and it being of no great importance, each making Entryes or forfeiture of their goods, the Customer is therefore ordered to desist pressing the said Oaths from any of them, but that he be strict in the Collection of the Customs and watch that all goods be duly enterd both as to importing, exporting and traversing [transporting across the country]. (*Records of Fort St. George, Diary and Consultation Book of 1691*, p. 20.)

R. C. TEMPLE.

DATE OF LAKSHMANASENA AND HIS PREDECESSORS.

BY DINESH CHANDRA BHATTACHARYYA, M.A.

(Continued from p. 148.)

Vijayasena's Barrackpur plate was issued from Vikramapura. In order to comprehend the full force of this bit of historical truth we have to discuss at some length the chronology of the dynasties of Vikramapura. Before the Sena Kings had sway over Vikramapura there is epigraphic evidence of two dynasties having reigned there one after another. The *Chandra* dynasty is represented by the copperplates of Śrīchandra¹⁷ which from palæographic considerations are referred to *circa* 1000 A.D. Śrīchandra was probably succeeded early in the 11th cent. by Govindachandra who fled before Rajendra Chola in 1023 A.D. Then comes the *Varman* dynasty represented by the copperplates of Bhojavarmā and Harivarmā.¹⁸ Bhojavarmā's date can be approximately fixed by the following synchronistic table :—

Nayapāla (1030—1053)	Karnachedi (1041— <i>circa</i> 1100)	Vajravarmā
Vigrahapāla (1053—1067)=Vijayaśrī		Virasrī=Jātavarmā
Rāmapāla (1069—1111)		Sāmalavarmā
		Bhojavarmā

Jātavarmā was a true contemporary of Vigrahapāla III. and his son Sāmalavarmā's traditional date of accession to the throne, 994 *Saka* (1072-3 A.D.)¹⁹ seems to be a genuine record. The date of the first king of the dynasty falls therefore about 1040 A.D. if not earlier, when probably Vajravarmā usurped the kingdom of the Chandras. Let us now see if Harivarmā with his long reign of at least 42 years can be adjusted in the 11th cent. A.D. in the scheme of Mr. Banerjea. Supposing Harivarmā's father *Mahārājādhirāja* Jyotirvarmā immediately followed Govindachandra, we have approximately the following succession list: Govindachandra (1023 A.D.) Jyotirvarmā (1023-25 A.D.) Harivarmā (1025-1067). His son (1067-70). Vijayasena on the other hand must be taken to have usurped Vikramapura, defeating Bhojavarmā sometime before his 32nd year, say in 1105. We have thus to impact four generations of kings in the remaining period, which by the greatest possible stretch barely counts to be 35 years. This is on the face of it improbable, and there is, moreover, strong literary evidence which goes against placing Harivarmā in the 11th cent. A.D. Bhaṭṭa Bhavadeva, the celebrated *Smṛiti* writer of Bengal, was a minister of this long-lived king as well as of his son²⁰. In his *Prāyaschittaprakaraṇam*²¹ Bhavadeva quotes Viśvarūpa, who again flourished sometime after Bhoja of Dhāra—say in 1060 A.D. at the earliest. At least a few decades must be allowed to have elapsed before Viśvarūpa could have been quoted by Bhavadeva. Thus

¹⁷ *Ep. Ind.*, Vol. XII, p. 136 ff. *Dacca Review*, 1912, pp. 250-51.

¹⁸ For Bhojavarmā's plate of his 5th regnal year *vide Ep. Ind.*, Vol. XII, p. 37. Harivarmā's plate is dated in his 42nd year—*Vanvera Jātya Itihāsa*: Brāhmanakāṇḍa : Vol. II., pt. I., p. 216. Colophons of two Mss. refer to his reign, one copied in his 19th year and the other in his 39th year (*Vāṅgīlāra Itihāsa* by R. D. Banerjea, Vol. I., p. 275).

¹⁹ “वेदमहमहिमि स बभूव राजा” *Vanvera Jātya Itihāsa*: Brāhmanakāṇḍa. Vol. II., Pt. II., p. 18.

²⁰ *Ep. Ind.*, Vol. VI, p. 205 ff. Cf. *यन्मन्त्रशक्तिसचिवः सुचिरं चकार. राज्यं स धर्मविजयी हरिवर्मदेवः* |

²¹ *JASB.*, 1912, p. 345. For Viśvarūpa's posteriority to Bhoja, *vide Cat. Catalog.* II., p. 58 and *JASB.*, 1915, p. 323, note 1. According to the late Mr. Chakravarti (*JASB.*, 1912, p. 346), Bhavadeva has been alluded to in the *Prabodhachandrodaya*: the fact however is that a commentator of the 16th Cent. in his gloss on a well-known verse of the drama merely *adds* the name of Bhavadeva (मन्त्रकारैरनुद्धितमपि अस्माभिरुक्तं) as popular in his own time (इहानी).

we cannot reasonably place Bhavadeva and his patron Harivarmâ before the last quarter of the 11th cent. A.D., when, undoubtedly, Bhojavarmâ and his immediate predecessors had sway over Vikramapura. Harivarmâ has, therefore, to be shifted to the first half of the 12th cent. A.D. and Vijayasena must have subjugated the country towards the end of his own reign in the middle of the century from Harivarmâ or his son²².

Against all this crowd of literary and historical evidence has been brought the consideration of three inscriptions dated in the much-discussed *atitâ-rājya Samvat* of Lakshmanasena. I confess I am unable to appreciate the palæographic discussion of these inscriptions, but I think palæography has not at all proved a sure guide in the determination of the age of the records within a century. Mr. Mazumdar seems to gain his point by proving only the futility of a procedure, *viz.*, examination of test letters, because a mixture of *Nāgari* and later Bengali forms characterised the palæography of the period. But he adduces no proof that such a mixture did not continue in Bihar for 80 years more. As an evidence of a more definite character, Mr. Mazumdar introduces astronomical calculation, which, I am afraid is not fully done and has played him false. For according to the *Pûrṇimānta* scheme, which seems to have been unfortunately overlooked by Dewan Bahadur Pillai, the data "*Vaiśākha vadi 12 guran*" do yield two dates between the years 1272 and 1277 A.D.—one in the very year of contention 1274 A.D. (April 5) and another in 1277 (April 1). In this connection Mr. Mazumdar seems cleverly to ignore the astronomical calculation of another important record of the same period and locality, which he has not forgotten to refer to in his palæographic discussion—the famous Bodh-Gayā inscription dated in the Nirvāṇa Era, 1813. Dr. Fleet had already shown²³ that the data given in the inscription quite regularly work out in the *Pûrṇimānta* system to be October 1, 1270 A.D., with 544 B.C. as the starting point of the Era. The late Dr. Indraji suggested October 20, 1176 A.D. as a possible date of the record, referring to a so-called Peguan reckoning of the era from 638 B.C. It does not however require a Dr. Fleet to guide us which to choose of the two dates—the long established 544 B.C. era so extensively used in Ceylon and Burma or the 638 B.C. era, which, if it ever existed at all, was apparently never used in a single inscription even in Pegu itself. Thus astronomical calculation rather goes against Mr. Mazumdar's own theory than against the other theory.

We now come to the last and practically the only so-called evidence against the established view of Lakshmanasena's date, *viz.*, the interpretation of the word *atitâ-rājya* used in the said inscriptions and the identity of the era there referred to with the Lakshmana Samvat of 1119 A.D. Mr. R. D. Banerjea and his supporters have fastened themselves with a desperate grip as it were upon an interpretation of the late Dr. Kielhorn, which they have quoted over so many times in their discussion on the question, though the late Doctor himself did not hesitate to abandon his former views apparently upon a mere glimpse at one or two of the literary evidences discussed above²⁴. In his famous monograph on the *Pālas of Bengal* (pp. 109-110) Mr. Banerjea discusses three interpretations as altogether possible of a similar epithet *gata-rājya*. But among them we curiously miss the

²² The following succession list of the kings of Vikramapura may now be tentatively drawn: Śrichandra (*circa* 1000 A.D.); Govindachandra (1023 A.D.) Vajravarmâ (*circa* 1040) Jātavarmâ (*circa* 1050—1072 A.D.) Sāmalavarmâ (1072—1079 A.D.) Bhojavarmâ; Jyotirvarmâ (*circa* 1100 A.D.) Harivarmâ (*circa* 1100—1150 A.D.). His son: Vijayasena: Vallālasena: Lakshmanasena.

²³ *J.R.A.S.*, 1909, p. 347: regarding the time when the new reckoning (from 544 B.C.) was established, *vide* p. 333, also *ibid.*, 1911, p. 212.

²⁴ *Vide Ep. Ind.*, Vol. VIII. App. (Synchronistic Tables).

interpretation accepted among others by Messrs. H. P. Sastri, Chanda and N. N. Vasu.²⁵ Mr. Banerjea himself has drawn very strange conclusions from the date-wordings in Ms. colophons. A wholly unjustifiable difference has been drawn between the words *gata*, *atīta* and *vināṣṭa*, which are, for all we know, synonymous. Even if they were not so, it is unthinkable that *atītarājya* can ever mean, as Mr. Banerjea holds, a kingdom which is lost somewhere but flourishing (*pravardhamāna*) elsewhere. According to Mr. Banerjea, moreover, *atītarājya* indicates that the king was still alive and the "special" word *vināṣṭa* shows that he was dead. But by no stretch of grammatical construction can the words *atīta* and *vināṣṭa*, used clearly as qualifying adjectives of *rājya*, determine the life and death of the king himself²⁶. The word *atītarājya* (or its synonyms *gatarājya*, etc.), wherever it occurs must mean everywhere the same thing—that the kingdom was at an end (no question whether the king was alive or not, as a king has no civil existence without the kingdom) and the year is reckoned either (1) from the date of the accession of the king to the throne; or (2) from the date of the loss of the kingdom. Two objections have been raised against the 2nd interpretation: firstly, it is grammatically wrong, for we do not get a *samāsa* अतीतराज्ये in the sense of राज्ये अतीते सति and we would expect the ablative and not the locative in the sense of *since*. This is wholly beside the mark, as the locative can be justified equally in *pravardhamānaivijayarājye* and *atītarājyā* as कालाधिकरणे समी. *Atītarājya* would exactly mean—"of the time during which the kingdom was lost," i.e., remained unrecovered by a lineal successor²⁷. The second objection that no era is known to start from a *mṛityu-samvat* (except that of Buddha) is not of much consequence as the origin of many of the eras is yet unknown. It appears that the epithet *atītarājya* has been used with full significance only with the names of Govindapāla and Lakshmanasena and it is a significant fact that they witnessed the destruction of the Pāla and Sena kingdoms respectively. The devoted subjects of each only expressed their hatred for the usurpers by referring their dates to an imaginary "reign of anarchy." Thus the destruction of the Pāla dynasty (which was Buddhist by religion) after a glorious reign of full four centuries was ill digested by the *Buddhist* subjects, who monopolised the use of the *atītarājya Samvat* of Govindapāla. We can easily see that the second interpretation fits in better with the literary and historical bearings of Lakshmanasena and should therefore be preferred in the inscriptions under discussion. That the *atīta-rājya Samvat* of Lakshmanasena has nothing to do with the Lakshmaṇa Samvat is *primā facie* evident from the fact that among the innumerable Ms. colophons with dates in *La-sam*, there is not a single one which connects the word *atītarājya* therewith, though that misleading epithet is attached even to the Vikrama Era in Mss. of the same locality, as cited by Mr. Mazumdar himself. In connection with Govindapāla also, the epithet *gatarājya* (of the Gaya ins. of 1175 A.D.) bears the second

²⁵ *Rāmacharita* : Itrod., p. 16, *Gauḍarājamāla*, p. 55, etc.

²⁶ The colophons numbered 4, 5 and 6 in Mr. Banerjea's monograph (pp. 110-111) are of Mss. belonging to the same collection and written by the same man, who could never have used the word *vināṣṭa* in a *special* sense in the midst of two other Mss., one dated in the previous year (No. 4.) and another in the following year (No. 6).

²⁷ How the epithet *atītarājya* used in the Sonpur plates of Someśvaradeva (*Ep. Ind.*, Vol. XII., p. 240) "certainly" supports the first interpretation we do not at all see. The use of the epithet may very well be justified by assuming that the coronation had not yet taken place of the successor of Abhimanyudeva in the first year of his reign, when the inscription is dated. This is supported by the fact that there is no mention of *samvat* after *atītarājya*, the end (and not the beginning) of the last reign having, just taken place.

interpretation better. Govindapâla had at least 4 years' reign and under the first interpretation he would be reigning still in 1165 A.D. We had shown before that it was probably Vallâlasena, who destroyed the last remnants of the Pâla kingdom, and the work of destruction was completed presumably several years before Vallâla sat down securely with the *pandits* "like a swan among lotus beds," (विद्वत्सभाक्रमलिनीराजहसेन भूभुजा Introd. to the *Dânasâgara*, v. 54) to write several encyclopædic works. The *Adbhutasâgara* was begun in 1168 A.D.; the *Dânasâgara* was completed in 1169 A.D., and before that he had written at least two other encyclopædias, *Pratiṣṭhâsâgara* and *Āchârasâgara*. So it is probable that Vallâla defeated Govindapâla earlier in his reign, before and not after 1165 A. D., i.e., 1161 A.D. marks the end and not the beginning of Govindapâla's reign.

Two minor objections must now be discussed. How can two eras connected with the same king Lakshmanasena run simultaneously? There is no evidence, however, that the *akṣarâjya Samvat* of Lakshmanasena did develop into a regular era as such, and if it did, it changed its name. Moreover, the co-existence of the two eras cannot be proved by a single entry in a Ms. colophon, which looks extremely doubtful. Then, what is the origin of the *La-sam*? Though there is nothing authentic or reliable to guide us in the matter we should, at the present state of our knowledge, prefer the traditional origin in the birth of Lakshmanasena²⁸ to mere conjectures. What really happened with regard to the two eras is probably this: with the establishment of Muhammadan supremacy, when independent Hindu rulers ceased to exist, people supplied their want of citing regnal years by creating a local era connected naturally with the name of the last independent Hindu monarch of the region. Some started it with the date of the loss of the kingdom, perhaps by analogy with the *Govindapâliya Samvat*, and others with the birth of the king. The former did not survive or changed its name before the popularity of the latter. The evidence from a Ms. colophon brought forth by Mr. Mazumdar to show that the *La-sam* was "started" by Lakshmanasena is a most amusing piece of research. According to the late Dr. Kielhorn, whom Mr. Mazumdar quotes with the greatest deference, even the epithet *akṣarâjya* "is apt to become meaningless phrase," but according to Mr. Mazumdar himself, phrases like "*Lakshmanasena-bhūpati-mati*," evidently used through exigencies of metre, are all the same pregnant with meaning and a very plausible meaning too: for *mate* means, according to him, "approved, i.e., started" though approval and starting are two quite distinct ideas.

We admit that all literary and historical evidence may be smashed by a strong epigraphic record, but we hope we have been able to show that Mr. Banerjea's theory is not the only possible one on the age and interpretation of the epigraphic records under discussion, which equally admit of another theory that is certainly strengthened by being in agreement with all other evidence.

The chronology of the Sena kings can now be determined in fuller detail. A passage in the *Adbhutasâgara* (p. 203) runs as follows: "भुजवसुधामिते शके श्रीमद्वल्लालसेनराज्यायाम् ।" This admits of two interpretations, viz.: (1) Vallâla came to the throne exactly in the year 1082 *Śaka* (1160-61 A.D.), or (2) that year only fell "in the beginning" (*ādau*) of his reign. We should like to prefer the second interpretation, which will leave a margin of a year or two to the minimum length (11 years) of his reign, otherwise falling to his lot. The Naihâti plate of Vallâla, recording a land-grant on the occasion of a solar eclipse, is dated—*Samvat 11 Vaiśākha dine 16*²⁹. Assuming that the date of the record coincides

²⁸ *JASB.*, 1896, Pt. I, p. 23.

²⁹ *Ep. Ind.*, Vol. XIV, p. 162.

with that of the eclipse, we get April 9, 1168 A.D., corresponding to *Vaisākha* 16, when there was a solar eclipse, which was, however, invisible in India. But records have been discovered referring to invisible eclipses,³⁰ and on that theory, meagre and doubtful though it is, April, 1158, falls in the first year of Vallālasena. On the indirect evidence of the *Adbhutasāgara*, Vallāla died shortly after 1169 A.D. Mr. R. D. Banerjea, while blindly attacking the views of the late Mr. Chakravarti, who also arrived at the above date of Vallāla, commits himself, in his latest pronouncement,³¹ to the most unexpected statement that "it cannot be asserted upon the data available at present that Vallālasena did not reign for more than eleven years"—little suspecting that he is thereby caught in his own net. For, the death of Vijayasena in his own chronology is dated *about* or *after* 1108 A.D., hardly allowing even just the 11 years' reign to Vallāla.

The newly published Barrackpur Plate of Vijayasena records a land-grant on the occasion of a lunar eclipse. The date of the record is open to question. Mr. Banerjea at first read it as "*Sam. 37*" and then as "*Sam. 31.*"³² Finally he puts it down as "*Sam. 32.*" The printed plate, however, shows that even this final reading is doubtful. The numerical figures in the palæography of Bengal and Magadha have not at all been properly studied yet and Bühler's chart (or any other similar work) will often mislead us, as it seems to have misled even a veteran like Mr. Banerjea in the present instance. Had the two figures after *Sam.* been joined together, they would almost exactly resemble the figure 5 of the Belabo Inscription of Bhojavarmā.³³ But Mr. Banerjea, who examined the original plate twice, did not apparently suspect a single figure, and the original plate, like the printed one, must have shown two separated figures. We have examined in this connection all available numerical figures in the records of Bengal and Magadha and we are positive that the first figure, being in the form of a single curve without any angle, does not at all tally with any of the known figures representing 3, most of which show two distinct arcs forming an angle, besides the lower curve. Like the main figure of 5, stripped of the curve in the right, the first figure quite regularly corresponds to the known figures of 6, only it has a slight bend at the top towards the left, almost exactly like the figure 6 inscribed in a metal image of *Vajratārā* and in a Ms. colophon.³⁴ The second figure also corresponds better with the figure 1 of the Sarnath inscription of Mahipāla, dated 1083 Śaka³⁵ than any of the known figures of 2. Then again the date of the month is read as 7, but the form at the upper end shows two distinct arcs forming an angle, which possibly cannot represent the single-curved 7, which shows no other variants in the records hitherto discovered in Bengal. We propose to read it as 3. Then the date of the record would be *Sam. 61 Vaisākha dine 3.*

³⁰ *Ante*, 1919, p. 5, footnote 32, referring to Dr. Venkatasubbiah : *Some Śaka Dates in Inscriptions*, pp. 21-22.

³¹ Barrackpur Plate of Vijayasena : ed. by Mr. Banerjea in *Ep. Ind.*, Vol. XV, *vide* p. 281.

³² *The Pālas of Bengal*, p. 105. *Vāṅgālāra Itihāsa*, Vol. I, p. 292

³³ *Ep. Ind.*, Vol. XII, p. 39 (Plate) : *JASB.*, 1914, p. 121 ff. (Plate XX).

³⁴ *Vide* an account of the image (belonging to the Dacca Museum) in the *Modern Review*, Jan. 1921, p. 60. All the figures from 1 to 8 are inscribed on the petals of the lotus seat in due order leaving us in no doubt. For the Ms. colophon, see *The Pālas of Bengal*, p. 75 with Plate XXXVI, Colophon of Prajāpāramitā : *ASB. Collection* : 6th year of Mahipāla.

³⁵ *Arch. Survey Report*, 1903-4, p. 222. Also *Gauḍalekhamāḍā*, p. 104 (Plate).

Assuming here also that the date coincides with that of the eclipse, we arrive at the extremely suitable year 1157 A.D., when there was a *visible* lunar eclipse on March 27, corresponding to 3rd *Vaiśākha*. March, 1097 A.D., falls therefore in the first year of Vijayasena's reign.

If our reading and verification of the date of the Barrackpur plate be accepted, it will be seen that Vijayasena died at a very advanced age in 1157 A.D. after a glorious reign of 61 years, which is already too long to create any necessity of making it longer by further pushing back Vallâla's date of accession (to 1160 A.D.). This great length of Vijayasena's reign explains on the one hand the shortness of his successor's reign and on the other, the unique feature of the Barrackpur plate, which honours Vallâla in all the glory of a full-fledged monarch before he actually came to the throne. Vallâla must have been practically the ruler of the land in the last years of Vijayasena and was himself verging on old age when he came to the throne in 1157 A.D. It becomes quite possible, therefore, to place the birth of Lakshmanasena in 1119 A.D., as supported both by tradition and by the account of the *Tabaqât-i-Nâsiri* (Raverty, pp. 554-55). The following chronology of the independent Sena kings may thus be placed before scholars :

Vijayasena	(1096—1157 A.D.)
Vallâlasena	(1157— <i>circa</i> 1170 A.D.)
Lakshmanasena	(born 1119 A.D., reign <i>circa</i> 1170—1200 A.D.)

PRATHAMASÂKHA BRÂHMANS OR "MID-DAY PARAIYANS."

By H. E. A. COTTON, C.I.E.

THE following extract is taken from Thurston's "Castes and Tribes of Southern India" (Vol. VI, p. 223), *s.v.* *Prathamasâkha Brâhmans* :

"This class of Brâhmans is known in the Tanjore District as "Madhyana Paraiyans" or "Mid-day Paraiyans." According to the *District Gazetteer*, "the god of the Tiruvâlûr Temple was entreated by a *pujârî* of Kôiltirumâlam or Tiru-ambamahalam to be present in the village at a sacrifice in his (the god's) honour. The deity consented at length, but gave warning that he would come in a very unwelcome shape. He appeared as a *Paraiyan* with beef on his back, and followed by the four *Vedas* in the form of dogs, and took his part in the sacrifice thus accoutred and attended. The Brâhmans who were present ran away, and the god was so incensed that he condemned them to be *Paraiyans* for one hour in the day, from noon till one p.m., ever afterwards. There is a class of Brâhmans called "Mid-day Paraiyans," who are found in several districts, and a colony of them reside at Sêdanipuram, five miles from Nannilam. It is believed throughout the Tanjore District that the "Mid-day Paraiyans" are the descendants of the Brâhmans thus cursed by the god. They are supposed to expiate their defilement by staying outside their houses for an hour and a half every day at mid-day, and if they do this, they are much respected. Few of them, however, observe this rule, and orthodox persons will not eat with them because of their omission to remove the defilement. They call themselves *Prathamasâkhas*."

The story struck me as so curious that I communicated with my brother, Mr. J. J. Cotton, I.C.S., now Judge of Coimbatore. When he informed me, in reply, that one of the copyists in his office was a "Mid-day Paraiyan," and that he had requested him to furnish his account of the tradition, I felt that I was on the track of an explanation. The response, however, took the form of a transcript of a petition presented in 1912 to Mr. F. R. Hemingway, I.C.S., then Collector of Coimbatore, by a number of "Prathamasagai Brâhmans of Mannargudi, Tanjore District." The petition is in these terms :

"When your honour was the head assistant collector in the Tanjore District, we were designated as "Prathamasagai Madhyana Paraiyans" in the *District Gazetteer*, which was then being published once in five years, and now once in ten. We do not belong to such a class of Brâhmans, but to the first class among Brâhmans of the world. The other class of Brâhmans are called Thithari Brâhmans, who form the major portion of them. Our "Yajar-veda Guru" is one Yakyavalkiyar, a *rishi*, who learned our *veda* from the sun and applied it to us. In Tamil we used to be styled as "Brâhmans of the first class," and in Sanskrit "Prathama-sagai Brâhmans." The *guru* of the other classes of Brâhmans is one Vaisampayanar. Our above-named *guru* vomited all the *vedas* which he had learned in former days. Vaisampayanar took the form of a *thithari* bird, fed on the vomited matter, and thus learned the *vedas*. So this class of Brâhmans are called "Thitharisagai Brahmins." Those who have learned these details in books [are] used to respect us : while others ignorant of these matters [are] used to scorn us by calling us "Madhyana Paraiyans."

The petition concludes by stating that false information was given while the gazetteer was in course of preparation, and that it was not verified by calling upon the informants to produce their authority. A request is made that the names may be furnished of the persons responsible for the "publication of the scandal," and proceedings taken against them.

Endorsed upon the petition is a note to the following effect, signed by Mr. K. C. Manavedan Raja, on behalf of the Collector and dated April 25, 1912 :

"Mr. Hemingway regrets he cannot now give the names of his informants. He assures petitioners that he was not aware that the passage they refer to would hurt their feelings, and he regrets that it should have done so."

Can any reader of the "Indian Antiquary" throw any further light upon this recent development of the caste-system ? The "explanation," it will be seen, does not help to enquire in any way to understand why the designation of "Mid-day Paraiyans" should have been applied to this class of Brahmins. It may be that the story told to the compiler of the Tanjore *District Gazetteer* is a malicious invention; but the version offered for acceptance by the petitioners is hardly more credible.

[The petition confirms the story given to Thurston in a most interesting manner. *Prima facie* both story and petition is a fresh instance of a very old habit amongst castes or tribes seeking to "better" their social position by a "tale of origin". It is to be found everywhere in Râjputâna and wherever Râjputs abound, usually in the form of a "birth-story". The hero is generally a foundling, who turns out to be of very high birth by caste or other social position, or he is the son of such a person by a foundling girl. Another common form is the commission of a "caste-fault" by the eponymous ancestor. This story belongs to the latter class. The earliest instance I know of such a story being given to a European enquirer is that quoted by Barbosa (early 16th century) and given in Dames ed. (Hak. Soc.) vol. II, p. 57, about the Kasavans or Kuyavans, potters of Malabar. They told Barbosa that they did not differ from Nâyars, "yet by reason of a fault they committed, they remain separate from them."—ED.]

A NEW VIEW OF SHER SHAH SUR.

By SIR RICHARD C. TEMPLE, Bt.

I set out to write a review of Professor Qanungo's recent monograph on Sher Shâh Sûr (c. 1485-1545),¹ but the interest that his career has long roused in myself, its very great importance to modern Indian History, the excellence of Professor Qanungo's examination thereof, and the quantity of new light he has been able to throw on the life and doings of Sher Shâh from his researches into original sources of information, have tempted me to compose a fresh *rèsumé* of what is known of that remarkable man.

The difference between Sher Shâh and the other great rulers of Upper India was that he was capable of doing all his work himself, with the requisite personal knowledge of the details of both civil and military administration—a knowledge he deliberately acquired in his youth. He was never obliged to trust to, or lean upon, others for details, and was his own Commander-in-Chief, his own Prime Minister, his own Controller of Customs and Revenue, his own Treasurer, his own Minister of Agriculture and Public Works, his own Master of the Mint and his own Provincial Governor of the very many miniature districts he set up. And his capacity in every such position is shown by the fact that he raised himself from the status of the son of an ordinary fief-holder or country gentleman of recent standing to that of true monarch of an empire stretching from Afghânistân to Assam, from the Himâlâyas to the confines of Râjputânâ. This vast territory he ruled and organised on lines of his own, so sound that they formed, and still are, the basis of all subsequent government—Muslim and British. This extraordinary genius, however, had the misfortune to run out his career just before the European commercial invasion of India had any practical effect, and also to be succeeded by the very interests he had combated all his life. So until the recent advent of dispassionate critical research into Indian History, his life and doings had no chance of being appreciated in their true proportion. It has therefore happened that the quality of the work and character of one of the very greatest men of the past in India has been known only to a few investigators and has been practically ignored by all others.

I find I have myself described Sher Shâh Sûr in a short general *rèsumé* of Indian History as "the father of modern Indian Administration, following the lead of his great predecessor, Firôz Shâh Tughlaq of Delhi (1351-1388), and giving it to his successors, Akbar the Great (1556-1605), Warren Hastings (1774-1785) and Lord Dalhousie (1848-1856)." The points I drew into prominence in Firôz Shâh's administration were soundness of principle, light taxation, canals and roads. To Sher Shâh himself we still owe the Great North Road as part of the Grand Trunk Road of Northern India. In making these remarks I did not in fact do justice to the extraordinary achievements of Sher Shâh Sûr: and in this I was not alone. Writers of history have not properly appreciated his worth.

Such a man as this, to whom nearly four centuries after his time India still owes so much, deserves all the research that can be bestowed upon his career and methods. Professor Qanungo has bravely undertaken some of the task in the right way, i.e., from critical study of the original sources of information, whatever they are—Indian, British, Portuguese. The key to Sher Shâh's success lies in the fact that his early self-training was entirely in civil administration, so that when his outstanding military capacities gave him the power necessary to all rulers in his day, he could use it with an intimate personal knowledge of the principles of successful civil government, which was not available to any of his Indian predecessors, contemporaries or successors. He was never in the hands of Ministers, as he knew

¹ Sher Shâh, by Kalikaranjan Qanungo, M.A., Professor, Ramjas College, Delhi. Calcutta: Kar Majumder and Co., 1921.

too much of the subject of dealing with his people to require their guidance. The defect of these remarkable qualities was the natural tendency to concentrate all authority in himself, with the inevitable consequence of the apparent disappearance of his system on his death and the destruction of the short-lived Dynasty he founded, largely owing to the enmity his autocratic methods roused in his opponents on their succeeding to the Empire he created. But what they could not altogether destroy was the system itself; he had applied it on too large a scale for that. So the good he did for his people survived him, and much of it remains still. As a ruler in India he is therefore in some senses unique. I propose now to outline his career from the information provided by Professor Qanungo's researches for the benefit of myself and others who may perhaps desire to carry on the study of a man well worth studying by all who would understand modern India.

Farid (afterwards the great Sher Shâh), the eldest son of Hasan, was the grandson of Ibrâhîm of the Sûr section of the Mâti clan of Afghâns from Surgurgai, "a detached ridge of the Takht-i-Sulaimân mountains on the southern bank of the upper course of the Gûmal river" on "one of the oldest and most frequented trade-routes between Southern Afghânistân and the Indus Valley". Ibrâhîm Sûr was almost naturally in such circumstances a horse-dealer, like very many of his countrymen before and since. In the reign of the Afghân Bahlôl Lodî (1451-1488) Ibrâhîm migrated to Bijwârâ in the Jâlandhar Doâb (Panjab) to the fief of Mahâhat Khân Sûr of the Dâûd Shâh *khel* (sept), and entered the service of Jamâl Khân Sârangkhânî as a soldier at Hissâr Firôza (Delhi District). He finally obtained for himself a fief in Nârnol "to maintain 40 horsemen," and there he settled and died. His son Hasan Sûr was confirmed in the fief and there were born his eight sons, of whom four came into history, *viz.*, Farid (Sher Shâh) and Nizâm, sons of the "first" wife, and Sulaimân and Ahmad, sons of a slave-girl raised to the status of a wife. Farid was born somewhere about 1486 or perhaps earlier, as Mr. Qanungo's authorities seem to be doubtful here (see pp. 3 and 344), and the date will probably never be fixed exactly.

Farid, like Sîvaji, was reared in his early days in a hard school, and for the same reason—the practical desertion of an older legitimate wife and her children in favour of a younger woman and her progeny. In both cases the situation did much to mould character. However badly Hasan Sûr treated Farid and his mother, he was a capable man, and when Jamâl Khân Sârangkhânî was transferred to the Eastern Provinces, he took Hasan with him and conferred on him Sâsarâm and Khawâspûr (in the Shâhâbâd district of Bihâr) in fief and promoted him to the command of 500. This fief afterwards played a great part in Farid's life.

Farid, annoyed at the continual ill-treatment of himself and his mother, went in 1501 to Jamâl Khân Sârangkhânî at Jaunpûr. This was a turning point in his career. He was then about fifteen, and like Napoleon, he became at that age a deep and earnest literary student in a curiously similar manner. He began at that time, and continued for the next ten years, to study civil administration, so that he acquired "a first hand knowledge of revenue affairs, the distress of the cultivators, the oppression of the Muslim soldiery and the corruption of the Hindu revenue-collectors;" a knowledge that not only secured for him a high reputation among his kinsfolk but stood him in good stead when he became powerful, colouring his whole life. It also reconciled him to his father. Farid at this period was about twenty-five.

We now have clearly before us the makings of a great ruler. Capable scion of a middle-class military family rising to local importance, brought up in a hard school, self-trained to scholarship and civil administration, and known personally to the great political men of his time.

Reconciled to his father and armed by him with the necessary powers, Farid took over charge of his father's considerable fief, comprising an extensive portion of the modern Shâhâbâd District. His neighbour to the West was Muhammad Khân Sûr, afterwards a great enemy. It was not an inviting country to hold—mostly dense jungle sheltering robbers and rebels—inhabited partly by respectable Hindus, Râjpûts, Ahîrs, and so on, and partly by Cheros and Sâvars (non-Aryans of considerable civilisation), all classes being inclined to be rebellious, predatory, unruly and uneivil, a condition largely induced by the violence of the Muhammadan soldiery that had long ill-treated them. That was one source of the state of virtually chronic insubordination. Another was the endless exactions of the Hindu tax-gatherers (*muqaddam* and *patwârî*), taking advantage of the ignorant peasantry and careless and greedy fief-holders alike.

To set about curing this state of affairs was Farid's object, and he used the wide knowledge he had gained by study to effect this end by far-reaching and wise regulations. His main object was to foster agriculture as the natural source of all wealth. Maxims attributed to him on this subject show his attitude clearly :—"The cultivators are the source of property : " "If they are badly off they will produce nothing, but if prosperous they will produce much : " —"If a ruler cannot protect the humble peasantry from the lawless, it is tyranny to exact revenue from them." He called the soldiers, the civil officials and the peasants to a meeting together, and told them all exactly and plainly what he meant to do. He made it quite clear that "if a little favour is shown to the peasantry, the ruler benefits by it." He enforced his doctrines by unmistakable practical steps : dealing directly with the peasants himself by agreements, fixing rents and collecting fees in cash or kind at their choice, and thus abolishing the old tax-gatherer system. He had accounts taken in his presence, and encouraged personal communication of grievances and requests.

All this created a contented peasantry but a discontented soldiery and officialdom. In putting down discontent, he first showed his inherited military capacity. He had neither men nor horses, nor even saddlery ; but he collected them all. First he made the officials find the saddlery. Then he promised maintenance to Afghân soldiers and kinsmen and found them horses, and then, in the true Oriental style of the time (which was the Tudor period of England be it remembered), he added : "Whatever booty, cash, goods and gold, falls into your hands is yours : I shall never claim a share of it."

He naturally soon overcame the officials, and then he did a characteristic and wise, but unoriental thing. He seized the wives and children, and kept them in his own custody to prevent their being violated by the soldiers. The booty he gave to his men, as he had promised. The rebel soldiers were more difficult to deal with, but in his treatment of them he adopted novel methods which stood in him great stead in his later career. He had only a small force of irregular cavalry, but he supplemented it with a yeomanry and militia from his now willing peasantry. Every man who had a horse was to ride it ; the rest were to come on foot. Half the force were to go with him, and half to carry on and guard the cultivation.

The method he evolved for this jungle campaign was *more suo*, and was followed in principle all his life. He proceeded cautiously into the jungle and always surrounded his camps by a trench and parapet, and thus made it safe from attack. His cavalry then patrolled the rebels' villages near, killed every male met with in the jungle, captured the cattle, women and children found in it, and destroyed the crops. Meanwhile, his foot soldiers cleared off the jungle. Deprived of their natural shelter, the rebels became helpless, and then Farid showed

himself as the grim Pathân : refused submission, killed all the men and sold the wives and children into slavery. He repopled the devastated villages with his own peasantry. It was mediæval and oriental and very severe, but he had hereditary cattle-lifters and savage robbers to deal with.

His administration of his father's fief went on till 1518 when he was about 33 years of age, gaining for him a great reputation for wise management, but he threw it up, owing to trouble raised by his stepmother on behalf of her son Sulaimân Sûr, on the eve of the rebellion in the Eastern Provinces of Dariâ Khân Lohânî against Ibrâhîm Lodî, now of Agra. Such is the story of Farid Sûr, or Sher Shâh, in the days of his apprenticeship at Sâsarâm.

In Sher Shâh's case the boy was eminently the father of the man, and the rest of his life was the result of the principles he evolved for himself during his strenuous youth and early manhood for the ordering of affairs, civil and military. On his way to Agra he became the guest of the Sarwânî Afghâns at Cawnpore, where he secured two companions, Sheikh Isma'il Sûr and his brother-in-law Habîb Khân Kakar, who were destined to become famous in his subsequent reign as Shuja'at Khân and Sarmast Khân respectively. At Agra he attached himself to Daulat Khân ; and then his father died. Through Daulat Khân's influence he succeeded to his father's fief, meeting with much opposition on arrival from his stepmother and her son Sulaimân Sûr, backed by his old enemy and neighbour, Muhammad Khân Sûr.

Ibrâhîm Lodî was an injudicious and treacherous monarch, who set his nobles against him and drove Dariyâ Khân Lohânî (or Nuhânî), Governor of Bihâr, and others into rebellion for self-protection. Dariyâ Khân died and was succeeded by his son, Bahâr Khân Lohânî (Bahâdur Khân according to some authorities, but erroneously).

Feeling himself in necessity for protection against Muhammad Khân Sûr, Farid Sûr, as he still was, joined Bahâr Khân Lohânî (afterwards Sultân Muhammad) in 1522, and did him his usual excellent service. From Bahâr Khân Lohânî he received his famous title of Sher Khân, the Tiger :—according to story, from slaying a tiger, but it may well have been a recognition of his qualities, as in the case of the great Frenchman, Clemenceau.

Sher Khân, as he now became, was made *vakîl* or deputy in Bihâr for Bahâr Khân's minor son, Jalâl Khân Lohânî, and also his *'atalîq* or tutor. His methods of civil government soon had effect throughout Bihâr, but his old enemy, Muhammad Khân Sûr, took advantage of the general confusion which reigned after the crucial battle which was fought in 1526 at Panipat between the Lodis and the great Mughal Bâbur, to set Bahâr Khân Lohânî (*i.e.*, Sultân Muhammad) against his *protégé*, Sher Khân, who defended himself with his usual independence, though his troops were defeated at Khawâspûr.

This threw Sher Khân into the arms of the Mughal, Junêd Barlâs (*i.e.*, of the same tribe as Bâbur himself), then Governor of Jaunpûr. So in 1527 we find Sher Khân at Agra in the Mughal military service under Bâbur, recovering his fief in 1528, as the result of Bâbur's Eastern Campaign which commenced in 934 A.H. This preferment, however, put him in a weak position as regards his Afghân neighbours, and so he made peace with them, even with his arch-enemy, Muhammad Khân Sûr, in the true Afghân fashion, though it involved his sending away his Mughal soldiery. But he had to go further in deserting his Mughal friends, as Mahmûd Lodî, who had remained in Râjputânâ during Bâbur's Eastern Campaign, managed to oust Jalâl Khân Lohânî, Sher Khân's former pupil, from Bihâr. On this Sher Khân, in sheer self-preservation, had again to turn his coat and join Mahmûd Lodî, and by 1529 he was concerned in an attack on the Mughal forces, capturing Benares from Sultân Jalâlu'ddîn Sharqî,

Bâbur's Governor and a descendant of the old Sharqî Dynasty (Turkî *mamlûks*) of Jaunpûr. Meanwhile, however, Bâbur had Mahmûd Lodî on the run, and Sher Khân's star was once more in the descendant. In 1529 he made his submission and became again the "faithful vassal" of the Mughals. In the end, Jalâl Khân Lohânî recovered most of his possessions in Bihâr and Sher Khân his old fief at Sâsarâm, resuming his charge of Bihâr as the deputy of Jalâl Khân.

He worked on his old lines, centralising everything in his own hands, with the old result, the envy and enmity of the nobility, to whom he was an upstart, and popularity with the peasantry. He was about forty-three years of age when he obtained the control of Bihâr for the second time, and he retained it for four years, during which period he performed two important acts. He acquired the great fortress of Chunâr and he entered into an alliance with Makhdûm 'Alam, Governor of Hâjipur (opposite Patna) for Nusrat Shâh, the Hussain-Shâhî King of Bengal.

The first act was truly in the spirit of the times. Chunâr was held for Bâbur by Tâj Khân Sârangkhânî (Afghân), who was suddenly killed in what appears to have been a family quarrel in 1530, and Sher Khân took advantage of the situation thus created to wrest the fortress from his widow, Lâd Malika. Just then Bâbur died, and the Afghâns in the Eastern Provinces, as a body, rebelled against his successor, Humâyûn. Eventually, Humâyûn gained the day and Sher Khân made his peace with the new Mughal monarch, but a peace that was of the nature of the lull before the storm. The defeat of the Afghân rebels had one result of great importance to Sher Khân in inducing Fath Malika, widow of Shekh Mustafa' Farmûlî, elder brother of the Afghân hero, Bâyezîd, an enormously wealthy woman, to place herself in his hands for protection. Unfortunately for her, as the sequel showed, the acquisition of Chunâr made him aggressive.

(To be continued.)

BOOK-NOTICE.

LIST OF INSCRIPTIONS FOUND IN BURMA, Pt. I. Arranged according to dates. Compiled and Edited by C. DUROISELLE, Rangoon. ARCHÆOLOGICAL SURVEY OF BURMA, 1921.

This is a most welcome addition to the work of this vigorous Department and will be of untold use to the earnest student of Burmese history and archaeology, even if it does nothing more than draw attention to the vast wealth of epigraphic record existing in Burma. There is a slip in the Preface which may as well be noticed. The Archæological Officer who brought King Bodawphayâ's collection of copies to the serious notice of the Government, and induced it to collect and house them suitably, and afterwards began the printing of the Pagan, Pinya

and Ava Inscriptions in 1892 with the help of the staff of Mr. Regan, then the capable and energetic Superintendent of the Government Press, Rangoon, was Major R. C. Temple, then President of the Rangoon Municipality. The work of printing the Inscriptions was carried on by his personal friend, Mr. Taw Sein Ko, after his departure from Burma in 1897. This all happened so long ago that perhaps it is not surprising that the present Archæological Office has lost sight of the facts. It was decided to print copies of the Inscriptions as they stood, errors and all, rather than lose sight of them, there being at the time no one with the knowledge and the leisure to edit them adequately.

R. C. TEMPLE.

A PROVISIONAL BIBLIOGRAPHY OF THE MUHAMMADAN ARCHITECTURE OF INDIA.

BY K. A. C. CRESWELL, M.R.A.S., HON. A.R.I.B.A.

(Continued from page 108.)

HODGES, W. *Choix de vues de l'Inde*, dessinées sur les lieux, pendant les années 1780, 1781, 1782, et 1783, et exécutées en aqua-tinta. Select views in India, etc. Large folio, pp. [iii], with 48 coloured plates, explanatory text, in French and English, interleaved. Edwards, London, 1786

See plates 11, Ruins at Futehpur Sikri; 12, mosque at Futehpur Sikri; 13, mosque at Jaunpur; 14, mosque at Rajmahal; 15, Agra Fort from the river; 17 and 18, mosque at Munghair; 19, mosque at Chunar Gur; 21, mosque of Aurangzeb at Benares; 29, Fort at Munghair; 31, mosque at Ghazipur; 34, Bridge at Jaunpur; 37 and 38, Palace of Suja ul Dowleh at Faizabad; 39, mausoleum of Akbar at Sikandra.

HOME. *Select Views of Mysore, the Country of Tippoo Sultan*; from drawings taken on the spot, with historical descriptions. 4to., pp. vii and 48, with 29 plates and 4 folding maps. Bowyer, London, 1794

"The Tomb of Hyder Ali Khan," pp. 47-48, with plate. Died A.D. 1782.

HUNTER, JAMES. *Picturesque Scenery in the Kingdom of Mysore*, from forty drawings taken on the spot. Engraved under the direction of Edward Orme. Large oblong folio, pp. [i], with 41 coloured plates.

Orme, London, 1805

See plates 3, Mausoleum of Hyder Ali, Seringapatam; 4, Mosque at Seringapatam; 5, Music Gallery, Seringapatam; 7, Hyder Ali's own family mausoleum at Kolar; 9, 10, 12 and 13, Tippoo's Palace, Bangalore; 26, Idgah, Ouscottah; 27, Killader's mausoleum, Ouscottah.

LUARD, MAJOR JOHN. *Views in India, Saint Helena and Car Nicobar*, drawn from nature and on stone. Impl. 4to., pp. [iii], with 60 plates, explanatory text interleaved.

Graf, London, [1838]

Includes: Delhi—View of Kutb Minar, Tomb of Shams-ud-Din Altamsh, Selim Garh, Mosque of Sher Shâh and Alai Darwaza; Agra—Taj Mahal (entrance gateway, general view, angle tower on river, and interior).

ORME, WILLIAM. *24 views in Hindostan*, drawn by William Orme from the original pictures painted by Mr. Daniell & Colonel Ward: now in the possession of Richard Chase. Large oblong folio, pp. [i] and 4, with 24 coloured plates.

Orme, [London, 1800 ?]

See plates 11, West Gate of the Kotilah of Firoz Shâh, Delhi; 18, Bridge at Jaunpur; 24, Kutb Minar, Delhi, with surrounding buildings.

SALT, HENRY. *Twenty-four views*, in St. Helena, the Cape, India, Ceylon, the Red Sea, Abyssinia, and Egypt. From drawings by Henry Salt. Atlas folio, 24 coloured plates, and 24 leaves of text, 4to., in pocket.

M'Lean, London, 1822

See plate 7—Mosque at Lucknow.

SIMPSON, WILLIAM. *India, ancient and modern*. A series of illustrations of the country and people of India and adjacent territories. Executed in chromo-lithography from drawings by William Simpson. With descriptive literature by John William Kaye. Atlas folio, pp. iv and 100, with 50 coloured plates.

Day, London, 1867

See plate X—a good view of the Palace at Amber.

WILSON, HORACE H. *The Oriental Portfolio*: picturesque illustrations of the scenery and architecture of India. Drawn on stone from the delineations of the most eminent artists, [Thomas Bacon, with the exception of one by Capt. Grindlay] taken from original designs and accompanied by descriptive notices. Folio, pp. [i], with 11 plates, explanatory text interleaved.

Smith, Elder & Co., London, 1841

II.—Pavilion at the Tomb of Sufdur Jung, Delhi; VI and VII.—Deeg; VIII.—The Fort of Mongir; IX.—Mausoleum of Sufdur Jung; XI.—Tomb of Humayun's Vizier, Delhi.

AGRA AND FATHPUR SIKRI.

A.-M., G. R. *The Restoration of the Moghul Buildings at Agra*. *Fraser's Magazine*, New Series, Vol. IX, pp. 112-115. 1874

See White, (William H.).

ANDERSON, COL. R. P. The Tāj. A Translation from the Persian. *The Calcutta Review*, Vol. LVII, pp. 233-237. 1873

From MS., Or. 2030 British Museum. See V. A. Smith, *History of Fine Art in India*, p. 419 n.

Includes a description of the stones used in the mosaic work, with places of origin; also a list of the chief craftsmen, with their salaries.

ANON. [Twenty-five large coloured plates, being elevations of the Tāj Mahal, Moti Masjid, Mausoleum of Itimadu-d-Doulah, and other monuments at Agra, of the mausoleum of Akbar at Sikandarah, and of the Buland Darwazah at Futehpore Sikrī, with facsimiles of the detail of their ornamentation and of their inscriptions, drawn by native artists about A. D. 1812, and bound up in a volume 3' 5" × 2' 6".] MS., Stowe, Or. 17A, British Museum. [1812 ?]

———— Title page: "This contains a faithful Copy of the Inscriptions on the Outside of & within the Mausoleum, or Taaje. at Agra, in India, taken by a Moonshee who was employed by the Bengal Government to superintend and shew the Place to Visitors, and which were carefully translated under the Inspection of the Adjutant-General of the Bengal Army, in the year 1812-13. G. Nugent." MS. Stowe, Or. 17B. Brit. Museum. 1812-13.

Includes also inscriptions on the tomb of Shāh Jahān, and on the Moti Masjid and Diwān-i-Khān.

———— The Rozah of Eatimad-ul-Dowlah, at Agra. [From the *Calcutta Journal*] *Asiatic Journal and Monthly Register*, Vol. XVII, pp. 638-639. 1824

———— Mofussil Stations, No. II.—Agra. *Asiatic Journal and Monthly Register*. Vol. X, New Series, pp. 58-66. 1833.

———— The Emperor Akber's Palace. *Asiatic Journal and Monthly Register*. Vol. II Third Series, pp. 82-84. 1844

———— Pictorial Agra (Abridged). Contains 26 Half-tone photographs of its most principal buildings with letterpress description of all. Sm. oblong 8vo., pp. 27.

Priya Lall & Co., Agra, 1912

A selection from *Pictorial Agra*.

ANON. Buildings of Archaeological Interest in the Fort of Agra. *Selections from the Records of Govt. N.-W. Prov.*, Second Series, Vol. III, pp. 58-72, with 2 folding plans.

Allahabad, 1870

Reports by Lieut. H. H. Cole and Sir Edward Leeds.

———— Buildings of Archæological Interest in the Fort of Agra. *The Architect*, Vol. V, pp. 99-100. 1871

"From a document recently published by the Government of the Western Provinces."

———— Inscription in Nai-ki-Mandi *Transactions of the Archaeological Society of Agra*, p. xvii. 1875

On the mausoleum of Nawāb Muhammad Mujāhid Khān, erected during the reign of Akbar.

———— Akbar's Tomb at Sikandra. *Journ., Ind. Art.*, Vol. VI, pp. 75-80, with 11 coloured plates illustrating the frescoes. 1895

Reprinted in Griggs' *Photographs and Drawings of Historical Buildings* [q. v.]

———— The Saman Burj, or Jasmine Tower, at Agra. *The House Beautiful*, Vol. I, p. 187, with 1 plate. 1904

BIRDWOOD, GEORGE. The Decorations of the Taj at Agra. *Journ. Ind. Art.*, Vol. I, pp. 61-62, with 1 folding coloured plate. 1885

2nd plate. *ibid*, supplement to Vol. I, No. 10.

BROOKS, T. ARCHIBALD. The Taj Mahal: a descriptive essay. 12mo. pp. [i] and 44. Anglo-Indian Publishing Co., Delhi, 1904.

BUTENSCHÖN, ANDREA. Taj Mahal. Dikt af Andrea Butenschön, illustrerad af Julius Wengel. Impl. 4to., pp. 24, with 7 plates. Norstedt, Stockholm, 1894

CHISHOLM, ROBERT F. The Taj Mahal, Agra, and its relations to Indian Architecture. *Journal of the Royal Society of Arts*, Vol. LIX. pp. 170-180. Correspondence with Mr. Somers Clarke, pp. 393-394. 1911

Synopsis; *The Architect*, Vol. LXXXV [title page misprinted LXXXVI], pp. 20-23.

CHĪTAR MAL. *Munshī*. 'Imārāt ul-Akbar, A Persian MS. "The best work we possess on the buildings in Âgrah from Akbar's time." See note in the *Proceedings of the Asiatic Society of Bengal*, 1875, pp. 117-118.

- Written about 1829-30, by Munshi Chitar Mal, a student of Agra Government College, at the suggestion of Dr. James Duncan.
- CRAIK, SIR HENRY. *The Taj Mehal. The Architect*, Vol. LXXIX, p. 63. 1908
Extracted from *Impressions of India* by Sir Henry Craik, M.P., then appearing in the *Scotsman*.
- ELLIS, FRED. *A Guide to the Historical Buildings of Agra*. Square 8vo., pp. 5 and 57, with 2 plates.
The "People's Herald" Press, Agra, 1906
- EMERSON, W. On the Taj Mahal at Agra. *Sessional Papers of the Roy. Inst. of Brit. Architects*, Vol. XX, pp. 195-203, with 2 plates. 1870
- H.—, MAJOR J. Four Letters from Major J. H.—, containing a minute description of the celebrated City and Fortress of Agra, the Mausoleum of Shah Jehaun, and the Tomb of Akbar at Secundra. *Asiatic Annual Register*, Vol. V, "Miscellaneous Tracts," pp. 71-79. 1803
- HAVELL, E. B. *The Taj and its Designers. The Nineteenth Century*, Vol. LIII, pp. 1039-1049. 1903
Reprinted in his *Essays on Indian Art*, pp. 1-23. Natesan, Madras, [1910]
- *A Handbook to Agra and the Taj, Sikandra, Fatehpur-Sikri and the neighbourhood*. With 14 illustrations from photographs and 4 plans. Sm. 8vo. pp. x and 139. Longmans, London, 1904
- Do. Second edition, revised, with Appendix [The Designers of the Taj]. Sm. 8vo., pp. xii and 147.
Longmans, London, 1912
- HOSTEN, REV. H., S.J. Who Planned the Taj? *Journ., Asiatic Society of Bengal*. New Series, Vol. VI, pp. 281-288. 1910
- KARKARIA, R. P. Akbar's Tomb at Secundra. *Calcutta Review*, Vol. CXXVI [title page numbered CXXV in error], pp. 44-59. 1908
A development of Fergusson's theory that it is unfinished and that it lacks the central dome.
- KEENE, H. G. *Keene's Handbook for visitors to Agra and its Neighbourhood*, re-written and brought up-to-date by E. A. Duncan. Seventh edition. 12mo., pp. ix and 295, with 4 plans.
Thacker, Spink & Co., Calcutta, 1909
Previous editions in 1854, 1862, 1869, 1873, 1874, and 1878.
- KRISHNA BAHADUR, RAJAH BINAYA. *Reflections on Agra*, in a letter addressed to a friend. Second edition. Sm. 8vo., pp. 18.
Mookerjee, Calcutta, 1903
- LALL AND CO., PRIYA. *Pictorial Agra*: illustrated by a series of photographs of its principal buildings, ancient and modern, with descriptive letterpress of each. Compiled by Priya Lall and Co., Oblong 8vo., 5 parts, pp. [i], 34; [i], 55; [i], 54; [i], 55; [i], 19; with 240 illustrations. Lall, Agra, 1911
- MEAD, MAJOR C. Note on Tomb of Sadik Mahomed Khan; with plan and drawings. *Transactions of the Archaeological Society of Agra*, pp. i-iv., with 10 drawings on 1 large folding plate, and inscriptions. 1875
Sâdiq Muhammad Khân was a Mansabdar of Akbar's, and it is here suggested that his tomb had considerable influence on the design of the latter's mausoleum.
- MUHAMMAD MU'IN AL-DÎN, *Akbarâbâdî*. *Mu'in al-aşar*, 8vo., pp. 3, 134 and 3, with 3 plates and 1 figure. Lith.
'Uthmâni Press, Agra, 1904
Also called the *Târikh i Agra*. An account of Agra, with a description of the Taj Mahal and other mausoleums and edifices, and short biographical accounts.
- *The History of the Taj and the Buildings in its Vicinity*. With 3 illustrations from photographs and 2 plans. 8vo., pp. iv and 122. Moon Press, Agra, 1905
A translation of *Mu'in-al-aşar* (1894) by the same writer.
- MUHAMMAD SA'ID AHMAD, *Marahrawi*. *Âşâr i Akbarî*, 8vo., pp. 10 and 218, with 14 plates and 1 illustration. Lith.
Akbari Press, Agra, 1906
An account of Fatehpûr Sikri and of the buildings founded by Akbar.

MUHAMMAD LATIF, *Sayyid, Khân Bahâdur*. *Agra Historical and Descriptive*, with an account of Akbar and his Court and of the modern city of Agra. Illustrated with Portraits of the Moghul Emperors and Drawings of the Principal Architectural Monuments of that City and its Suburbs, and a map of Agra. 8vo., pp. x and 308, with 47 plates and folding map.

Calcutta Central Press, Calcutta, 1896
Includes Fathpûr Sikri and Sikandra.

MUKERJI, SATYA CHANDRA. *The Traveller's Guide to Agra* containing an account of the past history, the antiquities, and the principal sights of Agra, together with some information about Agra as it is. 12mo., pp. iii and 176. Sen, Delhi, 1892

——— *Agra in Pictures*, containing an account of the past history, the antiquities, and the principal sights of Agra, together with some information about Agra as it is. Oblong 8vo., pp. [v], iii and 85, with 35 plates. The Indian Press, Allahabad, 1910

N., J. T. *Guide to the Taj at Agra, Fort of Agra; Akbar's Tomb at Secundra, and Ruins of Futehpore Sikree*. Translated from a Persian M.S.S. with an English version of the poetry inscribed on the walls, tombs, etc.; description of the Taj, and extracts from several notices on the subject. [Third edition]. 8vo., pp. 81.

Victoria Press, Lahore, 1869

Previous editions: 1854, 1862.

NATH, Pundit JAGGAN. *Description of some Buildings in the Environs of Agra with notes on the history of the city before the time of the Emperor Akbar*. *Transactions of the Archaeological Society of Agra*, pp. iv—xv. 1875

NEWELL, MAJOR H. A. *Three Days at Agra. A Complete Guide*, which includes Fatehpur-Sikri, and Map. Sm. 8vo., pp. [i] and 44.

Higginbothams Ltd., Madras and Bangalore.

[1913]

ROWLATT, LT.-COL. E. A. *Report on the Taj at Agra. Selections from the Records of Govt. N.-W. Prov.*, Second Series, Vol. I, pp. 70-74. Allahabad, 1869

Renewing and repairing the mosaics, repainting of domes, and replacement of the earthenware pipes of the garden fountains by iron ones.

SHARMAN, G. S. *A Comprehensive Guide to Agra and its Historical Buildings*. 12mo. pp. [vi], 91 and xii, with 8 plates.

Sham Lal, Agra, 1907

SMITH, EDMUND W. *Wall Paintings recently found in the Khwabgah, Fathpur Sikri, near Agra*. *Journ. Ind. Art.*, Vol. VI, pp. 65-68, with 11 plates (10 coloured). 1894

——— *Decorative Paintings from the Tomb of Itmad-ud-Daulah at Agra*. *Journ. Ind. Art.*, Vol. VI, pp. 91-94, with 8 coloured plates. 1895

Reprinted in Griggs' *Photographs and Drawing of Historical Buildings*, [q. v.], with the addition of 11 coloured plates.

——— *Wall Paintings from Salim Chisti's Tomb, Fathpur Sikri, near Agra*. *Journ., Ind. Art.*, Vol. VIII, pp. 41-44, with 12 coloured plates. 1898

Condensed from *The Moghul Architecture of Fathpûr Sikri*, Part III.

——— *Wall Paintings from the Jami' Masjid, Fathpur Sikri, near Agra*. *Journ., Ind. Art.*, Vol. VIII, pp. 55-57, with 10 coloured plates. 1899

Condensed from *The Moghul Architecture of Fathpûr Sikri*, Part VI.

——— *Moghul Colour Decoration of Agra. Illustrated by examples from the Chînî-Kâ-Rauzâ, Itmad-ud-Daulah's Tomb, and the Kânch Mahal*. *Journ., Ind. Art.*, Vol. IX, pp. 71-73, with 19 illustrations (18 coloured); pp. 75-76, with 20 coloured plates; pp. 77-79, with 17 plates (15 coloured). 1902

THACKERAY, COL. SIR EDWARD. *The Repairer of the Taj Mahal*. *Asiatic Review*, Vol. VIII, pp. 19-21. 1916

On repairs carried out by Lieut. (afterwards Lt.-Col.) Joseph Taylor, in 1810.

VOYSEY, H. [W.] On the Building Stones and Mosaic of Akberabad or Agra. *Asiatick Researches*, Vol. XV, pp. 429-435. 1825

WAINWRIGHT [JOEL]. The Taj [Mahal at Agra]. *Journ. Manchester Geographical Society*, Vol. XIV, pp. 307-310, with 1 illustration. 1898

An emotional description.

WHITE, WILLIAM H. On the Repairs at Agra Fort. *The Architect*, Vol. XI, pp. 17-18. 1874

Apropos of an article in *Fraser's Magazine*, signed G. R. A.-M. [q. v.]

AHMADĀBĀD.

ANON. Restorations at Ahmedabad. *The Architect*, Vol. V, p. 186. 1871

Partial restoration of the Harem and Sluice at Surkhej.

BIGGS, COL., THEODORE C. HOPE AND JAMES FERGUSSON. Architecture at Ahmedabad, the Capital of Goozerat, photographed by Col. Biggs, with an historical and descriptive sketch, by Theodore C. Hope and architectural notes by James Fergusson. 4to., pp. xv and 100, with 120 plates (mounted photographs), 2 maps and numerous woodcuts. Murray, London, 1866

BLOCHMANN, H. Eight Arabic and Persian Inscriptions from Ahmadābād. *Indian Antiquary*, Vol. IV, pp. 289-293, with 8 illustrations (facsimiles). 1875

Two Inscriptions from Ahmedābād. *Indian Antiquary*, Vol. IV, pp. 367-368. 1875

CRAWLEY-BOEVEY, A. W. A Scheme for the protection and conservation of ancient buildings in and around the city of Ahmedabad. 4to., pp. 71 and xcv.

Education Society's Press, Bombay 1886

Suggestions, correspondence re vandalism, etc., pp. 1-71; Appendix B: "Classified List of Ancient Public Buildings in and around the City of Ahmedabad..." pp. v-xvii; Appendix C: "Statement describing the Mosques and Rozas in the City..." pp. xix-lxx; Appendix D: "Statement describing Mosques and Rozas in the Suburbs..." pp. lxxi-lxxx; etc.

GRIFFITHS, JOHN. *Principal, Bombay School of Art*. Drawings by Students of the Bombay School of Art. *Journ. Ind. Art.*, Vol. VI, pp. 63-64, with 13 plates (1 double). 1894

Rānī Sipri's Mosque and Tomb, and Pigeon House, Ahmadābād.

Dada Hari's Well, Mosque and Tomb, Ahmedabad. *Journ. Ind. Art.*, Vol. VI, pp. 97-98, with 14 plates (3 double). 1895

AJMĪR.

HENDLEY, SURG.-MAJ. T. HOLBEIN. The Arts and Manufactures of Ajmere-Merwarra. *Journ. Ind. Art.*, Vol. III. 1889

General notes, pp. 1-2. Appendix, Notes on the Durgah at Ajmere, p. 8^a and plates 25-32. Also plate 24, Gate of the Ajmere Fort, and plate 4 (coloured), specimens of coloured marble found near Ajmere.

SARDA, HAR BILAS. Ajmer: Historical and Descriptive. 8vo., pp. x and 174, with 27 plates and folding map.

Scottish Mission Industries Co., Ajmer, 1911

SIVĀNATH, son of Jvālānāth. Sair i Ajmer, Guide to Ajmere-Merwara. 8vo., pp. 24. Lith. Printing Co. Press, Ajmer, 1892

ALLAHĀBĀD.

BEVERIDGE, H. Sultan Khusrau. *Journ. Roy. Asiatic Society*, pp. 597-609. 1907

Inscriptions on tombs of Shāh Begam, Khusrau, and Sultānun-nisā Begam.

Supplementary note by author, *ibid.*, p. 164. 1908

In connection with above:—

Dewhurst, R. P. The Inscriptions in the Khusrau Bāgh at Allahabad. *Ibid.*, pp. 746-9. 1909

Variant readings.

[CHATTERJEE, R.] Prayag or Aallahabad. A handbook. Sm. 8vo., pp. xii and 190 with 57 plates (1 coloured).

The "Modern Review" Office, Calcutta, 1910

MUKERJI, SATYA CHANDRA. Allahabad in Pictures, containing an account of the past history, the antiquities and the principal sights of Allahabad, with some information about Allahabad as it is. Illustrated by Major Baman Das Basu. Oblong 8vo., pp. [i], [i], ii and 67, with 53 plates.

The Indian Press, Allahabad, 1910

BENARES.

BROMCHARY, B. G. Views of Benares, from the River Side. Oblong folio, 23 mounted photographs, with descriptive note under each. Bromchary, Benares, 1869

See sixth plate, for the Mosque of Aurangzib.

SHERRING, REV. M. A. The Sacred City of the Hindus: an account of Benares in ancient and modern times. With an Introduction by Fitzedward Hall. 8vo., pp. xxxvi and 388, with 10 plates.

Trubner, London, 1868

Several mosques, etc., are described. See pp. 298-299, 304-305, 307-321.

BĪJĀPŪR.

Extracts from the Proceedings of the Bombay Government in connection with the old public buildings of Mahomedan Architecture at Beejapoor, in the Satara Districts; .. *Bombay Govt. Records*, No. XLI.—New Series, pp. 209-253.

Bombay, 1857

"Rough Estimate of the probable Expense of Repairing the undermentioned Old Mahomedan Buildings at Beejapoor", signed P. L. Hart, pp. 247-250.

BIRD, JAMES. On the ruined city of Bījapūr, its Persian inscriptions, and translations of the latter into English. *Journ., Bombay Branch, Royal Asiatic Society*, Vol. I, pp. 367-390, with 2 folding plates. 1844.

CANTRELL, ALEXANDER, M. An Account of the Ruins of Beejapoor. 8vo., pp. [i] and 16, with 4 plates.

Education Society's Press, Bombay, 1872

COUSENS, HENRY. Bijapur, the old capital of the Adil Shahi Kings. A guide to its ruins with historical outline. Published with the sanction of Government. 8vo., pp. viii and 145, with 2 folding maps.

Orphanage Press, Poona, 1889

ELLISON, W. Some Relics of Bejapur The Malik-i-Maidan, or Lord of the Plain. *Calcutta Review*, Vol. XC, pp. 141-149. 1890

Architecture, pp. 142 to end.

FERGUSSON, JAMES. On the Architectural Splendour of the City of Beejapore. *Papers read at the Roy. Inst. of Brit. Architects*, Vol. V, pp. 5-20, with 1 plate. 1855

Special section on the dome of Mahmad's tomb, and discussion thereon.

HART, CAPTAIN PHILIP D., ALEXANDER CUMMING AND JAMES FERGUSSON. Architectural Illustrations of the Principal Mahometan Buildings of Beejapore. Executed under the direction of Bartle Frere, Resident at Satara, by Captain Philip D. Hart, assisted by Alexander Cumming, and native draftsmen. Edited by James Fergusson. Folio, pp. [i], with 73 plates and 6 pages of text interleaved.

Cundall and Downes, London, 1859

See Taylor and Fergusson.

NASH, L. A. [Nineteen drawings of Bījāpūr, made in 1845 and preserved in the India Office Library.] 1845

SYDENHAM, CAPT. G. An Account of Bījapūr in 1811, by Capt. G. Sydenham of the Madras Establishment. Communicated, by Col. C. Mackenzie. *Asiatick Researches*. Vol. XIII, pp. 433-455. 1820

SYKES, CAPT. W. H. Notes respecting the principal remains in the ruined city of Bejapoor, with traditional accounts of their origin, etc. *Transactions of the Literary Society of Bombay*, Vol. III, pp. 55-63. 1823

TAYLOR, MEADOWS, AND JAMES FERGUSON. Architecture at Beejapoor, an ancient Mahometan Capital in the Bombay Presidency, photographed from drawings by Capt. P. D. Hart, A. Cumming, and Native draftsmen; and on the spot by Col. Biggs, and the late Major Loch. With an Historical and Descriptive Memoir by Capt. Meadows Taylor, and Architectural Notes by James Fergusson. Large folio, pp. xii and 93, with 2 maps, 78 plates (mounted photographs), and 12 woodcuts.

Murray, London, 1866

Published for the Committee of Architectural Antiquities of Western India under the patronage of Kursondas Madhowdas.

This work may be described as a second edition of the work by Hart, Cumming and Fergusson [*q. v.*], with the addition of a text, which the former work lacked. The plates are the same, except for about a dozen omissions, which are compensated for by other plates, showing buildings not illustrated in the earlier work.

DACCA.

AULAD HASAN, *Sayid*. Notes on the Antiquities of Dacca. 8vo., pp. viii and 71.

Printed by M. M. Bysak, Calcutta, 1904.

With numerous transliterations and translations of inscriptions.

——— Extracts from Notes on the Antiquities of Dacca. 8vo., pp. 24. 1903

BRADLEY-BIRT, F. B. The Romance of an Eastern Capital [Dacca]. 8vo., pp. x and 349, with 19 plates and folding map.

Smith, Elder & Co., London, 1906

[D'OYLY, SIR CHARLES.] Antiquities of Dacca, Parts 1-4. Folio, pp. 20, with 16 plates, explanatory text interleaved, and 4 illustrations. Landseer, London, [1814-1827]

The letterpress ends on p. 20 in the middle of a sentence. Apparently no more than four parts were published, but there were to have been six.

TAYLOR, JAMES. A Sketch of the Topography & Statistics of Dacca. Printed by order of Government. 8vo., pp. vi and 371, with folding map.

Huttmann, Calcutta, 1840

On the city and chief towns of the Province, pp. 86-118.

DELHI.

AHMAD KHÂN, *Sayid*, C. S. I. Âsâr aṣ-ṣanâdîd. 8vo., 4 parts, pp. 238, 44, 72, and 246, with 134 illustrations. *Lith.*

Delhi, 1263 [1847].

——— Do. 8vo., 3 parts, preface (in English), pp. i, ii and 4; pp. 6, 48, 53, 10, 108; and 62 pp. of inscriptions. No illustrations. *Lith.*

Delhi, 1270 [1854].

A second edition of the preceding with much additional matter.

——— Do. 8vo., pp. 98, 23, 32, and 132, with 152 illustrations. *Lith.*

Nawal Kishore Press, Lucknow, 1273 [1876].

Other editions in 1900 (Lucknow) and 1904 (? Cawnpur).

AHMAD KHÂN *Sayid*, C.S.I. Description des monuments de Dehli en 1852, d'après le texte hindoustani de Saïyid Ahmad Khan, par M. Garcin de Tassy, membre de l'Institut. *Journal Asiatique*, V^e série, tome XV, pp. 508-536; tome XVI, pp. 190-254; 392-451; 521-543; tome XVII, pp. 77-97. 1860-61

ANON. Description of Delhi and its Environs. [From the *Calcutta Journal*.] *Asiatic Journal and Monthly Register*, Vol. XV, pp. 551-560. 1823

——— Report to Government, and Correspondence regarding the Repairs of the Kootub Minar, near Delhi. *Journal of the Archaeological Society of Delhi*, pp. 41-59. 1850

Correspondence dated 1829. Repairs carried out by Major R. Smith.

——— The Delhi Guide or Journal, with a summary narrative of the siege and conquest of Delhi in the Mutiny Year 1857 A.D., with a list of the Delhi Sovereigns. By a Traveller of 1887 A.D. First Edition, 8vo., pp. ix and 68.

Jubilee Press, Dehra Dun, [1889]

——— The Delhi Durbar Souvenir, 1903. Oblong 8vo., pp. [i], with 25 plates. Delhi Durbar Photographic Gallery, Madras, [1903]

Contains 6 good architectural photographs.

BLOCHMANN. [Readings and translations of several Arabic and Persian Inscriptions from Delhi, and its neighbourhood.] *Proceedings of the Asiatic Society of Bengal*, pp. 212-214. 1875

BLUNT, JAMES, T. A Description of the Cuttub Minar. *Asiatick Researches*, Vol. IV, pp. 313-316, with 1 plate. 1795

BURFORD, ROBERT. Description of a View of the City of Delhi with an action between Her Majesty's troops and the revolted Sepoys. Now exhibiting at the Panorama, Leicester Square. Painted by the proprietor, Robert Burford, and Henry C. Selous and assistants, From Drawings by Captain Robert Smith, R.E. 8vo., pp. 16 with 1 folding plate.

Golbourn, London, 1858

CAMPBELL, C. J. Notes on the History and Topography of the Ancient Cities of Delhi. *Journ., Asiatic Society of Bengal*, Vol. XXXV, Pt. I, pp. 199-218, with 4 folding plates, and 4 figures in the text. 1866

Includes detail drawings of the Great Screen of Arches, and of the columns of the Quṭb Mosque. Also a plan of the cities of Delhi, and of the Quṭb Mosque.

COLE, LT. HENRY HARDY. The Architecture of Ancient Delhi, especially the buildings around the Kutb Minar. Folio, pp. vi and 131, with 26 plates (mounted photographs) and 2 plans.

Arundel Society, London, 1872

Under the sanction of the Science and Art Department of the Committee of Council on Education.

This scarce book is, for the buildings round the Quṭb Minār, the best illustrated work on the subject, the photographs being exceptionally large and clear.

COOPER, FREDERICK. The Handbook for Delhi. With large additional matter, illustrative notes, descriptions and extracts from scientific travellers, archaeologists and other authors, on the historic remains and points of modern interest in Delhi. with original contributions from D. B. Smith, and Lieut. De Kantzow. Sm. 8vo., pp. [vi], vi and 186, with 2 folding maps.

Delhi Press, Delhi, 1863.

A new edition of Beresford's *Delhi*, with additional matter.

——— [Second edition.] The Handbook for Delhi, with index and two maps, illustrating the historic remains of Old Delhi, and the position of the British Army before the assault in 1857, &c., &c., 8vo., pp. [i], v and 168.

Lahore Chronicle Press, Lahore, 1865.

COPE, HENRY ; AND HENRY LEWIS. Some Account of the Town and Palace of Feerozabad, in the vicinity of Delhi, with Introductory Remarks on the sites of other Towns. *Journ., Asiatic Society of Bengal*, Vol. XVI, pp. 971-986.

1847

COPE, HENRY ; AND HENRY LEWIS. Some account of the Town and Palace of Feerozabad, in the neighbourhood of Delhi. *Journal of the Archaeological Society of Delhi*, pp. 72-77. 1850

EWER, WALTER. An account of the Inscriptions on the Cootub Minar, and on the Ruins in its Vicinity. *Asiatick Researches*, Vol. XIV, pp. 480-489, with 1 folding plan of minar and mosque. 1822

FANSHAWE, H. C., C.S.I. Delhi: Past and Present, 8vo., pp. xxiii and 337, with 49 plates and 10 maps and plans.

Murray, London, 1902

——— Dihlī. Article in the *Encyclopaedia of Islam*, Vol. I, pp. 971-973. 1912

FRANKLIN, LT. WILLIAM. An Account of the present state of Delhi. *Asiatick Researches*, Vol. IV, pp. 419-432. 1795

FRENCH, C. J. Delhi and its Environs. A Pocket Companion for Visitors to that city and its suburbs. 8vo., pp. 21 and 6. [Delhi], 1876

ḤAFIZ UD-DIN AHMAD. [No title. Inscriptions on the principal buildings of Shāh Jāhānābād and Old Delhi, transcribed in imitation of the original characters.] 4to., 119 folios. A.H. 1232 (1817)

MS. Or. 4595. Brit. Museum.

HARCOURT, LT. A. The New Guide to Delhi. 8vo., pp. ix and 142, with 3 plans. "Pioneer Press," Allahabad, 1866

——— Do. Second edition, Revised and enlarged. 8vo., pp. ix and 140, with 3 plans. David, Meerut, 1870

——— Do. Third edition. 8vo., pp. ix and 143, with 3 plans.

Victoria Press, Lahore, 1873

HEARN, G. R. The Seven Cities of Delhi. 8vo., pp. xiv and 319, with 20 plates and 5 folding plans. Thacker. London, 1906

JOSHI, S. N. Delhi in Pictures, Large 8vo., pp. 40, with 46 illustrations.

Chitrashala Steam Press, Poona, 1912

KEENE, H. G. Keene's Handbook for Visitors to Delhi, re-written and brought up

to date by E. A. Duncan. Sixth edition. 12mo., pp. viii and 155, with map and 6 plans.

Thacker, Spink & Co., Calcutta, 1906

Previous editions in 1874 (2nd), 1882 (4th) and 1899 (5th).

LEWIS, H. Report of the Committee appointed on the 4th October, 1847, on the Jumma Musjeed [of Feerozeabad]. *Journal of the Archaeological Society of Delhi*, pp. 64-71. 1850

LEWIS, HENRY; AND HENRY COPE. Some account of the "Kalán Musjeed," commonly called the "Kalce Musjeed," within the new town of Delhi. *Journ., Asiatic Society of Bengal*, Vol. XVI, pp. 577-589, with 5 plates, (plans, section and elevation). 1847

MANUEL, G. S. Rah-numā'i Dilhī, 8vo., pp. iv and 438, with 11 lithographic plates. Lith. Phoenix Press, Delhi, 1874

A guide to Delhi, with descriptions of the principal places of note.

NEWELL, MAJOR H. A. Three Days at Delhi. A complete guide with map. Second Edition. Sm. 8vo., pp. 25.

Higginbothams Ltd., Madras and Bangalore [1913]

RENTON-DENNING, J. Delhi, the Imperial City. 8vo., pp. 110, with 2 folding plans and 20 illustrations.

Times Press, Bombay, 1911

A guide book. Partly the work of S. Sen.

RUSTAMJI NASARVANJI, *Munshi*. The History of the Kutb Minar (Delhi). Being an inquiry into its origin, its authorship, its appellation and the motives that led to its erection, from the testimony of Mohmedan Chroniclers and the inscriptions on the Minar. 12mo. pp. [vi], vii and 94.

Fort Printing Press, Bombay, 1911

SANDERSON, GORDON. Delhi Fort. A Guide to the Buildings and Gardens. Square 8vo., pp. viii and 47, with 2 large folding plates.

Supdt., Govt. Printing, Calcutta, 1914
Archaeological Survey of India publication.

SANGIN BEG B. 'ALI AKBAR BEG. Sair ul-Manāzil. MS. 11"×6½", ff. 92. Brit. Museum. Add. 24053. [C. 1811-1819]

A topographical account of the principal buildings of Shāhjahānābād and Old Delhi, with copies of their inscriptions. Written at the desire of Mr. (afterwards Sir) Charles Theophilus Metcalfe, Resident at Delhi. Sangin Beg says that he had himself carefully taken down the inscriptions. This copy lacks the drawings, for which blank spaces have been left, and breaks off at the description of the Quṭb Minār. Another copy contains a continuation which treats of the Tomb of Iltutmish and other monuments near the Masjid-i-Quwwat ul-Islām. MS. Add. 19430 is another copy of the above 13"×9", ff. 71. The descriptive portion is fuller, and the copies of inscriptions more perfect than in the preceding copy; a few drawings have been introduced. See Rieu, *B. Mus. Cat.* I, 431-432.

Another copy Persian MS. No. 351 in the Roy. Asiatic Society's Collection, ff. 73. It is in Urdū and according to Wm. Irvine (*Journal R.A.S.*, 1903, p. 384), it is probable that Sayyid Ahmad Khān was very largely indebted to it when writing his *Aṣār-us-Ṣanādīd* [q. v.]

S[OUZE], J. C. A Brief History of Delhi, specially written for the Delhi Capital Directory. 8vo., pp. iv, 246 and xxv, with 19 plates. [The Printing and Publishing Co., Delhi, 1913.]

STEPHEN, CARR. A Handbook for Delhi. Second edition, 12mo., pp. 36.

Mission Press, Luddhiāna; Thacker, Calcutta, 1876.

STEPHEN, CARR. The Archaeology and Monumental Remains of Delhi. Roy., 8vo., pp. vi and 284, with 46 mounted photographs.

Simla, Ludhiana and Calcutta, [1876]

Copies are frequently found which lack the photographs, and were apparently issued in that condition.

STEWART, WM. Inscription on a minar at Kootub ke Dirga, near the Usht Daht or Metal Pillar. The Minar measures 242½ feet in height and 140 in circumference at the base. MS. Brit. Museum, Add. 8896, Art. I, No. 6.

A single sheet, 23"×18", with the above heading, signed Wm. Stewart. The inscription (6 lines) records the repairs executed by Fath Khān, in the reign of Iskandar Shāh Lodī, and is dated A.H. 909 (1503-4). This is the inscription transcribed with facsimile in Sayyid Ahmed Khān's *Aṣār as-Ṣanādīd*, appendix, p. 26, No. 14 and p. 58. See Rieu, *B. Mus. Cat.*, I, p. 432.

THOMAS, EDWARD. The Chronicles of the Pathān Kings of Delhi, illustrated by Coins, Inscriptions, and other Antiquarian Remains. 8vo., pp. xxv and 467, with 6 plates, map and several woodcuts.

Trübner, London, 1871

Includes several inscriptions on buildings of the period.

TREMLET, J. D. Notes on Old Delhi. *Journ., Asiatic Society of Bengal*, Vol. XXXIX, Pt. I, pp. 70-88. 1870

VOGEL, J. PH. Catalogue of the Delhi Museum of Archæology, (Founded in January, 1909). 8vo., pp. xi and 71.

Baptist Mission Press, Calcutta, 1908

See "Appendix II.—The Sultans of Delhi and their existing monuments with approximate dates," pp. 60-71.

DHĀR AND MĀNDŪ.

BARNES, CAPT. ERNEST. Dhar and Mandu. *Journ., Bombay Branch, Royal Asiatic Society*, Vol. XXI, pp. 339-391, with 25 plates and folding map. 1904

CAMPBELL, J. M. Māndū. *Journ., Bombay Branch, R. A. S.*, Vol. XIX, pp. 154-201. 1896

Contains considerable archæological information.

CRESWELL, K. A. C. The Vaulting System of the Hindola Maḥal at Māndū. *Journ. Roy. Inst. of Brit. Architects*, Vol. XXV, pp. 237-245, with 14 illustrations.

Reprinted in the *Indian Antiquary*, Vol. XLVII, pp. 169-177, with 3 plates and 6 figures. 1918.

HARRIS, CAPTAIN CLAUDIUS. The Ruins of Mandoo, the ancient Mahomedan capital of Malwa, in Central India. By J. Guiard, of Nicc, from the original sketches of Captain Claudius Harris, with descriptive and historical notices, [chiefly founded on Sir John Malcolm's *History of Central India*,] and an Appendix. Folio, pp. [ii] and 20, with 6 coloured plates. Day, London, 1860

Do. A Reprint. 8vo., with 7 photographs. Dhar, 1892

SUBALTERN. A Description of the Ruined City of Mandu, the ancient capital of Malwa; with a sketch of its history during the period of its independence, under the

Muhammadian Kings; and explanatory notes. Also an account of the Buddhist Cave Temples of Ajanta, in Khandes. With ground-plan illustrations. By a Subaltern. 8vo., pp. iii and 140, with 2 folding plates.

Printed at the Bombay Times Press, 1854

YAZDANI, G. The Inscription on the Tomb of 'Abdullāh Shāh Ghāngāl at Dhār. *Epigraphia Indo-Moslemica*, 1909-10, pp. 1-5, with 1 folding plate. 1912

Dated A.H. 859 (1455).

YAZDANI, G. Remarks on the Inscriptions of Dhār and Mānḍū. *Epigraphia Indo-Moslemica*, 1911-12, pp. 8-11. 1914

ZAFAR HASAN. The Inscriptions of Dhār and Mānḍū. *Epigraphia Indo-Moslemica*, 1909-10, pp. 6-29, with 17 plates. 1912

GAUR AND PANDWA.

ANON. Ruins of Gour. [From the "Friend of India," No. VIII.] *Asiatic Journal and Monthly Register*, Vol. VIII, pp. 559-560; IX, pp. 30-33. 1819-20

BEVERIDGE, H. [Notes on an inscription on a piece of black basalt in the Magistrate's compound at Maldah, referring to the building of a mosque at Gaur, A. H. 898 (1492).] *Proceedings of the Asiatic Society of Bengal*, p. 242. 1890

——— Note on Major Francklin's Manuscript Description of Gaur. *Journ., Asiatic Society of Bengal*, Vol. LXIII, Pt. 1, pp. 85-93. 1894

Abstract: *Proceedings*, pp. 42-44.

——— A short Notice of a Persian MS. on Gaur. *Journ., Asiatic Society of Bengal*, Vol. LXXI, Pt. 1, p. 44. 1902

On a MS. of 32 pp. in the India Office Library, p. 1541. No. 2841 of Dr. Ethé's catalogue. It is a report drawn up for Franklin by Shyām Parshād [q. v.] in 1810.

BOLTON, C. W. Annual Address. *Proceedings of the Asiatic Society of Bengal*. 1903.

See pp. 22-27 for notes on Gaur and Pandwa.

CREIGHTON, H. The Ruins of Gour described, and represented in eighteen views; with a topographical map. Compiled from the manuscripts and drawings of the late H. Creighton. 4to., pp. 12, with 19 plates (15 coloured), and explanatory text interleaved.

Black, Parbury and Allen, London, 1817

KING, L. B. B. [Letter containing Notes on Buildings at Gaur.] *Proceedings of the Asiatic Society of Bengal*, pp. 93-95. 1875

MONMOHAN CHAKRAVARTI. Notes on Gour and other old Places in Bengal. *Journ., Asiatic Society of Bengal*, New Series, Vol. V, pp. 199-234, with map of "The Tract round Gour" (after Rennell, 1779-81 A.D.). 1909.

RAVENSHAW, JOHN HENRY. Gaur: its Ruins and Inscriptions. Edited, with considerable additions and alterations by his Widow. Impl. 4to., pp. xii and 102, with 59 plates and large folding map.

Kegan Paul & Co., London, 1878.

The first 45 plates are mounted photographs, the remaining 14 are photozincographs of 25 inscriptions. The latter were also issued separately, without title-page, in a volume lettered: *Survey of India Department, Photographic Office, Calcutta, Photozincographs of Inscriptions from Gaur and Maldah.*

See Cunningham, *Reports*, Vol. XV, pp. iv-v. 39-76, 79-94, and plates XIII-XXVI. Supplementary to the above.

SHIYĀM PARSHĀD, *Munshī*. [Persian MS. in India Office Library, No. 2841.] Topography and history of the fortress of Gaur (or Gaurh, as it is spelt here, the ancient capital of Bangālah, also called Lakhnauti) and the township of Pandwah, compiled by Shiyām Parshād Munshī in November and December, 1810, at the request of Major William Franklin. 4to.

See Beveridge, (H.).

WATERHOUSE, COL. J. [Dating inscription on a piece of black basalt, recording the building of a mosque, probably at Gaur, A.H. 898 (1492)]. *Proceedings of the Asiatic Society of Bengal*, p. 242. 1890.

WESTMACOTT, E. VESEY. Ravenshaw's "Gaur." *Calcutta Review*, Vol. LXIX, pp. 68-83. 1879.

YAZDANI, G. A New Inscription of Sultan Nuṣrat Shāh of Bengal [at Gaur]. *Epigraphia Indo-Moslemica*, 1911-12, pp. 5-7, with 1 plate. 1914.

Recording the erection of a gate, probably of the Dākhil Darwāzā at Gaur, by Nuṣrat Shāh, in A.H. 926 (1519-20).

GWALIOR.

GRIFFIN, SIR LEPEL. Famous Monuments of Central India. Illustrated by a series of eighty-nine photographs in permanent autotype. With descriptive letterpress. Oblong folio, pp. xx and 105, with 89 plates.

Sotheran, London, [1886]

Gwalior: pp. 46-89 and plates XXVIII. XLVII.

Work was done here under Jahāngir and Shāh Jahān. Tomb of Muḥammad Ghaus, pp. 87-89, and plate XLVII.

JOHNSTONE, J. W. D. Gwalior, 1905. 4to., pp. x and 138, with 48 plates (11 coloured).

Bumpus, London, [1907]

Includes a plan of the fortress.

KEITH, MAJOR J. B. Preservation of National Monuments: Fortress Gwalior. August 1882. 8vo., pp. 79 with 4 plates and 2 figures in the text.

Supdt., Govt. Printing, Calcutta, 1883

Three Mosques, Tombs of Muḥammad Ghaus, Khandowla Khān, Nuzeri Khān, etc., pp. 47-52. Appendix A: Arts, Industries, &c., pp. 61-74. Stone Carving, Coloured Tiles, Metal-ware etc.

NEWALL, COL. Gwalior. Transactions of the Archaeological Society of Agra. 1874.

N., D. J. F. Note to Col. Newall's Paper on Gwalior (Trans. A. S. A. P.) *Transactions of the Archaeological Society of Agra*, pp. xix-xx. 1875

Dating inscriptions on Great Mosque, and over the 'Ālamgirī Gate of Gwalior.

SHRIMANT BALWANT ROW BHAYASAHEB, SCINDIA. History of the Fortress of Gwalior. 8vo., pp. [i] and 55, with plan.

Education Society's Press, Bombay,

1892

With lists of buildings raised at each period.

JAUNPŪR.

ANON. An article on (i)—Jounporenāmah by Fuqueer Khairooddeen Mahomed Allah-abadi; Persian MS., (ii) Ferishta's History

of Kings of Jaunpore, translated by Briggs. *Calcutta Review*, Vol. XLI, pp. 114-158. 1865
Contains architectural notes.

BLOCHMANN. [Reading and translation of inscription on a pillar in front of the Masjid in Jaunpûr Fort, commemorating the erection of a mosque in A.H. 778 (1377).] *Proceedings of the Asiatic Society of Bengal*, pp. 14-15. 1875

HORNE, CHARLES. Notes on the age of the ruins chiefly situate at Banâras and Jaunpûr. *Journ., Asiatic Society of Bengal*, Vol. XLII, Pt. I, pp. 160-164. 1873

Suggesting that some of the mosques, e.g., the Atâlâ Masjid, were built with Hindu materials on a Hindu substructure.

KHAIR AD DÎN MUHAMMAD, *Ilâhâbâdî*. A Translation of the History of Jounpoor; from the Persian of Fuqcer Khyr öd deen Mööhumud. By an Officer of the Bengal Army. [R. W. Pogson.] 8vo., pp. vi and 75. India Gazette Press, Calcutta, 1814

Part II; "Containing an Account of the foundation of the Ancient Buildings of the City; including the Fort, Mosques, Tanks, Mausoleums, &c.," pp. 36 to end.

[Written for Mr. Abraham Willard. See E.D., Ross, in *J.A.S.B.*, LXXI, Pt. I, p. 136.]

TREGEAR, V. Notice of an Ancient Mahal or Palace near Jaunpûr, in which some Hindu Coins were lately dug up. *Journ., Asiatic Society of Bengal*, Vol. III, pp. 617-620. 1834

Includes short notes on Muhammadan buildings. Compiled chiefly from the History of Jaunpûr by Maulavi Khair-ud-Din Muhammad.

VOST, MAJOR W., Jaunpur and Zafarabad Inscriptions. *Journ., Roy. Asiatic Society*, pp. 131-142. 1905

Short note on above by H. Beveridge, *ibid.*, p. 364. 1905

Short note on above by R. P. Dewhurst, "Inscription on the Atâlâ Mosque," [variant reading], *ibid.*, pp. 366-367. 1905

Short note on above by H. Beveridge, "The Jaunpur Inscription," [variant readings], *ibid.*, p. 165. 1909

ZÛ AL-FAQÎR 'ALÎ. *Jughrâfiyah i Jaunpûr*. 8vo., pp. 100. Lith. Lucknow, [1874]

See Part I: History and topography of Jaunpur.

KASHMÎR.

COLE, HENRY HARDY. Illustrations of Ancient Buildings in Kashmir. Prepared under the authority of the Secretary of State for India in Council, from photographs, plans, and drawings taken by order of the Government of India. Impl. 4to., pp. 31, with 57 plates and map. Allen, London, 1869

Enclosure round Zain-ul-'Âbidin's Tomb (Hindu Temple modified), p. 15, with 4 plates.

JARRETT, MAJOR H. S. Note on an Inscription found upon a stone lying near the ruins of a Masjid on Lanka Island, Wular Lake, Kashmir. *Journ., Asiatic Society of Bengal*, Vol. XLIX, Pt. I, pp. 16-20. 1880

Recording the construction of an edifice A.H. 547 (1143-4), by Zayn Ibâd [Zain ul-'Âbidin].

LOEWENTHAL, REV. I. Some Persian Inscriptions found in Srinagar, Kashmir. *Journ., Asiatic Society of Bengal*, Vol. XXXIII, pp. 278-290. 1864

On (1) Mosque of Shâhi Hamadân; (2) Tomb of Zain ul-'Âbidin; (3) On and near the Great Mosque.

MURRAY-AYNSLEY, MRS. H. G. M. Notes on some remarkable remains in Kashmir. *Proceedings of the Asiatic Society of Bengal*, pp. 2-3. 1895

Remains of two Ziyârats, etc.

[Letter on Muhammadan tombstones in Kashmir, with the Greek cross as ornament. Also on four designs from a band of carving in the old wooden Habbakhorten Masjid, near Pandrekhan, Kashmir.] *Proceedings of the Asiatic Society of Bengal*, pp. 54-55, with 2 plates. 1897

Said to have been built in the time of Jahângîr.

LAHORE.

ANDREWS, FRED. H. Wazir Khan's Mosque, Lahore. *Journ. Ind. Art.*, Vol. X, pp. 27-30, with 6 double plates and 2 single (coloured). 1903

ANON. Welcome. Honoured Guests this is for you. 8vo., pp. 8.

Punjab Economical Press, Lahore, 1893

A Guide to Lahore : worthless.

Fortresses et palais indiens. *La Construction Moderne*, tome XIII, pp. 6-7, with 1 illustration ["Porte du Palais de Lahore."] 1897

A brief note.

COPE, HENRY. Public Inscriptions at Lahore. *Journ., Asiatic Society of Bengal*, Vol. XXVII, pp. 308-313. 1858

Dating inscriptions on the Motî Mandir, Hatipor Gate, Bâdshâhî Mosque, Mosque of Wazir Khân, Tilâi Mosque, etc.

Kipling, J. L. The Mosque of Wazir Khan, Lahore. *Journ., Ind. Art.*, Vol. II, pp. 17-18, with 5 coloured plates, (3 double). 1887

MUHAMMAD AD-DÎN, called FAUQ. Shâlâmâr-bâgh kî sair. Second edition. 8vo., pp. 78. Lith. Bhawal Press, Lahore, 1901

An account of the Shâlâmâr Gardens at Lahore, with a biographical sketch of Mâdhô Lâl Husain of Lahore.

THOMPSON, J. P. The Tomb of the Emperor Jahângîr. *Journ., Punjab Historical Society*, Vol. I, pp. 12-30 with 1 plan. 1911

MUHAMMAD LATIF, *Sayid*. Lahore : its History, Architectural Remains and Antiquities, with an account of its modern institutions, inhabitants, their trade, customs, &c. Illustrated with more than 100 engravings and a map of Lahore. 8vo. pp. xiii, v, iii, 426 and xii.

"New Imperial Press," Lahore, 1892

VOGEL, J. PH. Historical Notes on the Lahore Fort. *Journ., Punjab Historical Society*, Vol. I, pp. 38-55. 1911

Tile-Mosaics of the Lahore Fort. *Journ., Ind. Art.*, Vol. XIV, pp. 1-26, with 76 plates (35 coloured). 1911-1912

Forms the whole of Vol. XIV.

MATHURÂ.

BLOCHMANN. [Translations and notes on inscriptions at Mathurâ.] *Proceedings of the Asiatic Society of Bengal*, pp. 12-17. 1873

CHISHOLM, R. F. Tiroomal Naik's Palace, Madura. *Sessional Papers of the Roy. Inst. of Brit. Architects*, Vol. XXVI, pp. 159-178, with 2 plates. 1876

In mixed Hindu-Muhammadan style ; finished c. 1534.

GEOWSE, F. S. Mathurâ : a District Memoir. 8vo., 2 vols., pp. vii, 182, iii and vii, with 2 maps and 5 plans; pp. iii and 183.

North-Western Provinces' Government Press. [Benares ?] 1874

Do. Second edition. Illustrated, revised and enlarged. 4to., pp. vii, v, 3, 2, 520 and iv, with 33 plates and folding map.

N.-W. P. and Oudh Govt. Press, [Benares ?] 1880

MURSHIDÂBÂD.

BEVERIDGE, H. Old Places in Murshidabad. *Calcutta Review*, Vols. XCIV, pp. 322-345 ; XCV, pp. 195-216 ; XCVI, pp. 233-249. 1892-93

Includes an account of the mosques and tombs there.

BLOCHMANN, H. Notes on Sirâjuddaulah and the town of Murshidâbâd, taken from a Persian Manuscript of the Târikh i Mançûrî. *Journ., Asiatic Society of Bengal*, Vol. XXXVI, Pt. 1, pp. 85-104. 1867

Includes an account of the old Imâmbârâ, burnt A.H. 1253 (1836).

LAYARD, CAPT. F. P. The Mausoleum of the Nuwabs Ali-Verdi Khan and Soorajood-Dowlah, at Khooshbagh, near Moorshedabad. *Journ., Asiatic Society of Bengal*, Vol. XXI, pp. 504-511, with 2 plates. 1852

With semi-circular arches and "little of oriental architecture in its form." Completed by Surâj-ud-Daulah of "Black Hole" notoriety.

PÂKPATTAN.

IRVING, M. The Shrine of Bâba Farid Shakarganj at Pâkpattan. *Journ., Panjab Historical Society*, Vol. I, pp. 70-76. 1911

MOHAN LAL, *Munshî*. A brief account of Masû'd, known by the name of Farid Shakarganj or Shakarbâr. *Journ., Asiatic Society of Bengal*, Vol. V, pp. 635-638. 1836

Includes a description of his tomb at Pâk Patan.

MODERN, PRESENT POSITION, ETC.

CHISHOLM, R. FELLOWES. New College for the Gaekwar of Baroda, with Notes on Style and Domical Construction in India. *Transactions of the Roy. Inst. of Brit. Architects*, Vol. XXXIII, pp. 141-146, with 4 plates and 1 diagram. 1883

CLARKE, C. PURDON, *C.I.E.* Some Notes upon the Domestic Architecture of India. *Journal of the Society of Arts*, Vol. XXXI, pp. 731-746, with 3 plans and 1 elevation, 1883

Synopsis: *The Architect*, Vol. XXIX, p. 368. Chiefly, but not entirely, on Hindu work.

————— Street Architecture of India. *Journal of the Society of Arts*, Vol. XXXII, pp. 779-788, with 16 plates. 1884

CROOKE, WILLIAM. A Note on the Art, Industries of Mirzapur. *Journ., Ind. Art.* Vol. V, pp. 55-56, with 4 plates. 1893

GHOSE, HEMENDRA PRASAD. Indian Art. *Calcutta Review*, Vol. CXVI, pp. 98-107. 1903

GROWSE, F. S. *C.I.E.* The Rebuilding of Bulandshahr. *Calcutta Review*, Vol. LXXIX, pp. 128-157. 1884

————— Bulandshahr: or Sketches of an Indian District; social, historical and architectural. 4to., pp. viii, 88 and 10, with 8 plates (3 folding).

Medical Hall Press, Benares, 1884

See Chap. III: The rebuilding of Bulandshahr, pp. 51-84. Also pp. 48-49—*īdgāh* and *mausoleum*.

————— Indian Architecture of To-Day, as exemplified in new buildings in the Bulandshahr District. 4to., 2 parts, pp. vi, with 14 plates, explanatory text interleaved; pp. vi and 11, with 38 plates, explanatory text interleaved.

N.-W. Prov. and Oudh Govt. Press, Allahabad, 1885; and Medical Hall Press, Benares, 1886

HAMILTON, IVIE. Modern Indo-Saracenic, (Sandeman Hall, Quetta.) *Journ., Ind. Art.*, Vol. IX, pp. 64-65, with 3 plates. 1901

Designed by Col. Jacob in Indo-Muhammadian Style.

HAVELL, E. B. Art Education in India. *Calcutta Review*, Vol. CXI, pp. 306-319. 1900

————— Do. *Ibid.* Vol. CXII, pp. 146-152. 1901

Reply to critics.

————— Modern Native Indian Architecture. [Report of Lecture.] *The Architect*, Vol. LXXXIX, pp. 119-120. 1913

ISHWAR. Modern Indian Architecture, adapted to the use of Artisans, Students, Builders, and Architects. (With thirty-two plates.) Impl. 4to., pp. ii and 52.

Education Society's Steam Press, Bombay, 1892

KIPLING, J. L. Indian Architecture of To-Day. *Journ., Ind. Art.*, Vol. I, No. 3, pp. 1-5, with 12 plates. 1884

SANDERSON, GORDON. Types of Modern Indian Buildings at Delhi, Agra, Allahabad, Lucknow, Ajmer, Bhopal, Bikanir, Gwalior, Jaipur, Jodhpur and Udaipur, with notes on the craftsmen employed on their design and execution. 4to., pp. [iii], ii, 22 and 3, with 47 plates.

Supdt., Govt. Press, Allahabad, 1913

TEMPLE, CAPT. R. C. A Study of Modern Indian Architecture, as displayed in a British Cantonment. *Journ., Ind. Art.*, Vol. I, pp. 57-60, with 7 plates. 1885

FRESCO PAINTING.

PORTFOLIO OF INDIAN ART. 4to., 28 parts, 47 coloured or tinted plates (9 double), no text. London, [1881-1886]

Part 13, 2 plates: Fresco decoration, Mosque of Wazir Khān, Lahore.

ANON. Akbar's Tomb at Sikandra. *Journ., Ind. Art.*, Vol. VI, pp. 75-80, with 11 coloured plates. 1895

The plates illustrate the fresco-paintings.

Reprinted in Griggs' *Photographs and Drawings of Historical Buildings*, [q. v.].

COLE, H. H. Preservation of National Monuments. Tomb of Jahangir at Shahdara near Lahore. Folio. s.l., [1884]

Fresco painting, plate 5.

COLE, H. H. Preservation of National Monuments. Delhi. Folio. *s.l.*, [1884]

Coloured double-plate showing original design of painted ceiling in the *Dīwān-i-Khāṣ* before being repainted in 1876.

The above plate is also to be found reprinted in Griggs' *Photographs and Drawings of Historical Buildings*, plate 33.

————— Preservation of National Monuments. Agra and Gwalior. Folio. *s.l.*, [1885]

Fresco painting, Tomb of I'timād ud-Daulah, Agra, plates 1-3 (coloured).

HENDLEY, THOMAS HOLBEIN. Decorative Art in Rajputana. *Journ., Ind. Art.*, Vol. II. pp. 43-50, with 9 plates (7 coloured). 1888
See p. 47, and the plates.

JACOB, MAJOR S. S. Fresco painting [as practised in Jeypore]. *Professional Papers on Indian Engineering*, No. 360, pp. 203-207, with 1 folding coloured plate.

Thomason College Press, Roorkee, 1881

JACOB, COL. S. S. Jeypore Portfolio of Architectural Details. Folio, 12 vols.

London, 1890-1913

See Part IX.—*Dados*: with a note on the process of Fresco-Painting in Jeypore. Examples are shown on plates 49-58, and also in Part VII, plates 16, 23-28, and Part X, plates 1, 2 and 10. All coloured.

KIPLING, J. S. The Mosque of Wazir Khan, Lahore. *Journ. Ind. Art.*, Vol. II, pp. 17-18, with 5 coloured plates (3 double).

1887

Partly decorated with fresco painting.

SMITH, EDMUND W. Wall Paintings recently found in the Khwabgah, Fathpur Sikri, near Agra. *Journ. Ind. Art.*, Vol. VI, pp. 65-68, with 11 plates (10 coloured). 1894

————— Decorative Paintings from the Tomb of Itmad-ud-Daulah at Agra. *Journ. Ind. Art.*, Vol. VI. pp. 91-94, with 8 coloured plates. 1895

Reprinted in Griggs' *Photographs and Drawings of Historical Buildings*, [q. v.], with the addition of 11 coloured plates.

————— Wall Paintings from Salim Chisti's Tomb, Fathpur Sikri, near Agra. *Journ. Ind. Art.*, Vol. VIII. pp. 41-44, with 12 coloured plates. 1898

Condensed from *The Moghul Architecture of Fathpur Sikri*, Part III.

————— Wall Paintings from the Jami' Masjid, Fathpur Sikri, near Agra. *Journ. Ind. Art.*, Vol. VIII, pp. 55-57, with 10 coloured plates. 1899

Condensed from *The Mogul Architecture of Fathpur Sikri*, Part IV.

A NEW VIEW OF SHER SHAH SUR.

By SIR RICHARD C. TEMPLE, BT.

(Continued from page 164.)

Makhdûm 'Alam of Hâjipur, a strong partizan of Nusrat Shâh of Bengal against the latter's younger brother, Mahmûd, and Sher Khân had been friends from the time of Bâbur's Eastern Campaign, and when Nusrat Shâh died in 1532 and Mahmûd Shah soon afterwards seized the throne, Makhdûm 'Alam was glad of Sher Khân's assistance. Mahmûd's generals attacked Bihâr and Sher Khân exhibited Parthian tactics, *i.e.*, he declined battle before superior forces, raided, harassed, and judiciously retreated, inspired false confidence, and then suddenly attacked. This first success in direct battle gave Sher Khân that military ambition which was to make him eventually a great monarch.

Soon afterwards Makhdûm 'Alam was killed in another action, and the Lohânîs, to whom Sher Khân was still an upstart, succeeded in enlisting the sympathies of his whilom pupil, Jalâl Khân Lohânî, in a conspiracy against him, which ended ineffectively in the unexpected flight of Jalâl Khân and his Lohânî friends to Mahmûd Shâh of Bengal for protection. Sher Khân was accordingly relieved from an embarrassing position and became substantive ruler in Bihâr, but he was by no means safe with the Mughals to the West and Bengal to the East.

The first thing he did was to invade Bengal, adopting on a larger scale his old plan of campaign when proceeding against his father's rebels around Sâsarâm; and whenever he met with the enemy he entrenched himself. The enemy this time was Ibrâhîm Khân, Mahmûd Shâh's general, and the result of Sher Khân's tactics was that Ibrâhîm Khân's much superior forces, reinforced by elephants and a then famous artillery park, were never able to get to grips with Sher Khân's very inferior force, whilst he was able to sally out of his entrenchments and worry them. He thus managed to keep them on the retreat. This went on until Sher Khân came up with Ibrâhîm Khân at a strategic point—Sûrajgarh on the Kiûl river, where there was a narrow plain about five miles wide, between the Ganges to the North and the Kharagpûr Hills to the South. Neither side could surprise the other. Ibrâhîm Khân's right flank was protected by the Ganges, his left by the Kharagpûr Hills and his rear closed by the fort of Mungêr. Sher Khân's entrenched camp was only assailable by an overwhelming force. Ibrâhîm Khân asked for reinforcements.

This forced Sher Khân into action and he acted with his usual acuteness. He gave out that he intended a pitched battle in the open field on the morrow. He then placed his infantry in ambush and sent picked cavalry forward at dawn to feign an attack and retreat. This manoeuvre drew the enemy's cavalry away from the rest of his forces, and Sher Khân fell on the latter from his ambush, while his own retreating cavalry turned and charged, stirrup to stirrup, Afghân fashion. In the result Ibrâhîm Khân was himself killed and his army routed. Sher Khân had now shown himself to be a consummate general—in organisation, plan of campaign and tactics. The battle of Sûrajgarh transformed the former Jâgirdar of Sâsarâm into a personage to be reckoned with in all the Indian politics of the day. Among his notable military performances up to this time must be mentioned his organisation of the armed peasantry, which he had created for the consolidation of his father's fief, into a peasant militia armed with matchlocks, the precursor of the *baksariyas* of Surâju'ddaula and Clive.

Sher Khân was now looked on as the deliverer and actual ruler of Bihâr, since his liege-lord Jalâl Khân Lohâni had deserted his kingdom, and as has been already seen, he knew how to keep his subjects contented. He governed in the old way, superintending everything himself, suppressing oppression of all kinds, especially of the peasantry, fixing all salaries himself, and paying them in full.

But he was not an Afghân for nothing, and he soon exhibited all the guile of his race. His attitude was studiously unassuming, though his ambition was now boundless. Ostensibly he held Chunâr as a military subordinate of Humâyûn and laid no claim to sovereignty in Bihâr, thus lulling both Humâyûn and Mahmûd Shâh of Bengal into a false security. Meanwhile, he unobtrusively consolidated his forces, collecting and equipping a formidable army with his accustomed skill and foresight. He had discovered the uses of infantry, which was an unusual idea in his day, and raised them in large numbers; but while he entertained elephants, he discarded the field artillery, then made famous by Bâbur (with immense effect be it said), because it was in his day too immobile. This shows that he was no copyist but a thinker for himself. Still, his military expenditure was necessarily very high, and to meet it he was driven to seizing the gold that his ward, Fath Malika, had placed under his care, and repaying it by a fief. This act is not defensible and shows him to be a man of his time.

In 1535 Bahâdur Shâh of Gujarât had refused to deliver up Muhammad Zamân Mirzâ, the rebel brother-in-law of Humâyûn, and thus began the great war between the two rulers. Here was Sher Khân's opportunity. Safe from Humâyûn, fully occupied in the West, he

turned on Mahmûd Shâh in the East. He did nothing much in that year, but in 1536, finding himself held up on the then only route to Gaur at Teliagarhi, he led his army by another way, at that time entirely unknown, through the hilly jungle tract of the Jhârkhand. It was a great feat, showing fine leadership and enterprise and imagination, performed again later on in 1659 by Mir Jumla, but with infinitely more resources at his disposal. Sher Khân had his reward and appeared unexpectedly before Gaur, but without siege artillery. Mahmûd Shâh, however, still held the cards—he could easily have withstood a long siege; his allies, the Portuguese, now landed on the coast in force, held the Ganges, and the rains were approaching in three or four months, making a return through the Jhârkhand impossible at that season. Sher Khân on the whole was not in a favourable position after all, but the moral effect of his two victories over the Bengali forces and his sudden appearance before Gaur overawed Mahmûd Shâh, who, discarding Martim Affonso de Mello's advice, bought off Sher Khân for a very large sum, used the very following year to raise a new army against him, and also a valuable tract of land useful for future attack on him. Sher Khân was now no longer a 'new man,' but the most powerful Afghân chief in India—the Hazrat-i-'âlî. He was about fifty years of age.

The campaign against Bahâdur Shâh of Gujarât went well for Humâyûn, and the situation thus created not only kept Sher Khân quiet in 1536 in regard to Bengal, but made him successfully conciliate Humâyûn through the kind offices of Hindû Bêg, the successor of his old friend Junêd Barlâs of Jaunpûr.

Early in 1537 Bahâdur Shâh was drowned at sea and Humâyûn returned to Agra. Meanwhile, Mahmûd Shâh had been negotiating for help from the Portuguese. All this placed Sher Khân in a difficulty. He felt obliged to proceed against Mahmûd Shâh before effective help could reach him, and he had to be careful of himself in Bihâr with Humâyûn at Agra. He decided to attack Mahmûd Shâh in the autumn of 1537 on the pretext of an impossible demand for tribute, but this was no worse than Mahmûd Shâh's simultaneous action in securing aggressive help from the Portuguese. Both sides in fact tore up their treaty. The campaign, however, was a barren one, as Humâyûn had now become hostile to Sher Khân and Bihâr was in danger. So Sher Khân did not get further than an investment of Gaur and the frustrating of the Portuguese assistance. Also, he now had Humâyûn not only as an active enemy, but as a formidable one, because he had acquired the service of Rûmî Khân, the famous commander of Bahâdur Shâh's artillery, together with his guns.

Sher Khân was consequently in a critical position. Humâyûn had started for Chunâr and might join Mahmûd Shâh, and the Portuguese were in force at Chittagong. He had also to leave his son, Jalâl Khân Sûr, with Khawâs Khân to look after Gaur. He met the situation with his accustomed foresight and skill. He laid a trap for Humâyûn by an obstinate though useless defence of Chunâr under Ghâzî Sûr and Sultân Sarwânî, to gain time to conquer Bengal. Humâyûn duly fell into the trap of sitting down in front of Chunâr, the reduction of which could not really hurt Sher Khân, and wasted his time over it, which his wily opponent left him in peace to do.

Sher Khân's proceedings, as reported by the chroniclers, now became thoroughly Oriental, and indeed Indian. He wanted to capture the great fortress of Rohtâs as a city of refuge for the wives and families of the Afghâns, and is said to have got it, firstly by bribing Chûramân, the Brâhman Deputy of the Râjâ, to influence his master to let the families in, which he did

by the familiar Hindu trick of threatening suicide by a Brâhman (*dharma*) unless he agreed. This act of treachery was followed up by filling litters, supposed to contain "secluded" women and therefore inviolable, with armed men, who then seized the fortress. The whole proceeding was an act of sheer treachery. This is not an uncommon tale in Northern India and both the stories of Chûramân and of the deceptive litters have been denied by Indian writers. Whatever be the truth, Sher Khân got possession of the great strategic fortress of Rohtâs from its Hindu owner.

Rûmî Khân was now seriously threatening Chunâr and the capture of Gaur became important, but Sher Khân's general there, Khawâs Khân, was accidentally drowned in the fort ditch, and so he appointed his own younger brother, with the same title, in his place, and sent him very urgent instructions. The new commander was a most capable man, and by April 1538 Gaur fell to Sher Khân, and with it the independence of Bengal. The younger Khawâs Khân subsequently became Sher Khân's right hand man and ablest general. Sher Khân thus became *de facto* ruler of Bengal in his fifty-second year.

The next move in the game was the fall of Chunâr, owing to a Mughal stratagem, so Oriental that the Afghans should not have been simple-minded enough to have been taken in by it. But simplicity, side by side with cunning, has always been a characteristic of that people. The fort surrendered under promise of safety from Humâyûn, which was disregarded by Rûmî Khân, who cut off both hands of its 300 gunners : a deed which Sher Khân remembered.

Humâyûn was at last free—but too late—to march against Sher Khân, for whom he was no match either in diplomacy or generalship, though the latter was still inclined to be overawed by the reputation of Mughal majesty and military power. Sher Khân's strategic position, however, remained advantageous, as he could retreat indefinitely into the hilly regions reaching to Central India and leave strong, and in those days almost impregnable, fortresses *en route* to worry the Mughals until he wore them out. His diplomatic skill is shown in his offering to give up Bihâr and rule in Bengal as Humâyûn's vassal, so that he appeared, not as a rebel against his liege lord, but as one who was defending what he had won for himself. The pair were now obvious enemies.

Thus began the "Race for Bengal." Now comes into play the question of comparative generalship. Sher Khân sent the bulk of his troops towards Rohtâs and slipped away himself towards Gaur with a few cavalry. Humâyûn followed in pursuit ; but Sher Khân, making a detour, managed to place himself behind his pursuers in the hills about Sâsarâm. Humâyûn reached Munêr on the Sôn in complete ignorance of Sher Khân's whereabouts. Here he met Mahmûd Shâh as a fugitive, to the latter's transitory comfort.

Sher Khân let Humâyûn go on to Patna in peace, following him up in concealment, and as it now became urgent for him to reach Bengal before Humâyûn, he used his knowledge of the country to get ahead of the Mughal forces unperceived, till a few miles east of Patna the Mughal scouts found him on the road to Mungêr. After a somewhat narrow escape, Sher Khân got away in boats down the Ganges to Gaur in about two days. Arrived at Gaur, he sent his son Jalâl Khân Sûr to block Humâyûn's passage at Tiliâghari at all costs without engaging the Mughals in the open. Jalâl Khân Sûr, however, did give them battle and defeated them with immense moral effect, for thus the Afghans of Sher Khân had actually defeated the Mughals of Humâyûn in open fight.

This check of the Mughals gave Sher Khân time to clear out of Gaur with an immense booty for Rohtâs, by the now familiar route through the Jhârkhand, directing his son to evacuate Teliâgharî and join him, which he did. Humâyûn now marched in fancied triumph to Gaur, while Sher Khân had got in safety between him and the provinces of his Agra dominions.

Sher Khân's journey through the Jhârkhand jungles in the rains was as great a feat as any he had previously performed, and he at once proceeded to shake the foundations of Humâyûn's rule in order to draw him off from Bengal. His conduct towards the Mughals was now ferocious. As has been said already, he was not an Afghân for nothing. He neither forgot nor forgave injuries and he remembered the fate of the gunners of Chunâr. He soon captured Benares, and scoured the country to Jaunpûr and Kanauj, acting as a sovereign prince and collecting the revenue. He plundered the towns, but characteristically spared the peasantry. Sher Khân was marching on Agra when he heard of Humâyûn's departure from Gaur, where he and his officers had been living in false security and luxurious idleness for nine months, while the Mughals in Agra were quarrelling with each other and Sher Khân was occupying his provinces. Sher Khân did not hesitate. He abandoned his tour of conquest and returned to South Bihâr and the neighbourhood of Rohtâs, thus leaving the way open to Humâyûn to reach Agra by the Northern bank of the Ganges undisturbed. His object was apparently that the strife should stop, and that Humâyûn in Agra and himself in Bihâr and Bengal should rule, side by side, in peace. Humâyûn did not seize the opportunities thus offered but crossed the river to march on Munêr on the Sôn right into the Tiger's maw as it were. Sher Khân had placed a division under Khawâs Khân in the hills, ostensibly to keep the troublesome Mahârathâ Cheros in order, but really to get behind the Mughal force—an old trick of his.

Humâyûn's army arrived at Munêr in a somewhat disorganised condition, which tempted Sher Khân to attack it with the general assent of his Afghân officers. This he proceeded to do in his own inimitable way. By leaving Rohtâs with his main force, he put himself, as well as Khawâs Khân, behind Humâyûn and let him be aware of it. And then he made a wide detour in the hills and marched past Humâyûn, so that he could surprise him from the front, and did so by entrenching himself *more suo* opposite him on the bank of the Thorâ Nadî, a swampy little stream running into the southern bank of the Ganges between Chaunsâ and Buxar. Here Sher Khân effectively checked Humâyûn, who could neither attack him nor march past him without exposing his flank. The armies sat opposite each other till the rains, when Sher Khân was flooded out and retreated to the Karmanâshâ river, where the armies repeated at Chaunsâ the situation of the Thorâ Nadî.

Humâyûn was now in distress and short of supplies, and without help from the quarrelling factions at Agra. He made overtures for peace, but they came to nothing.

Then Sher Khân let it be known that Khawâs Khân had lost touch with the Cheros and made public preparations to go after him, which entirely misled the Mughals. Finally he marched some miles up the Karmanâshâ at night in the direction of the Cheros, crossed the river safely unperceived, and was joined by Khawâs Khân. He now had the Mughals between him and the Ganges, with the Karmanâshâ in front of them, and could fall on their left flank in full force at daybreak. The situation was parallel with that in 1871, when the French General, Bourbaki was surprised in flank, with consummate skill, by Manteufel, who had walked round the younger Garibaldi at Dijon, which was supposed to protect Bourbaki's left flank, and fell upon him when he had the Swiss frontier on his right flank and the

reinforced German army of communication in front. There can be only one result in such a situation. The Mughal Army fled and Humâyûn barely escaped across the Ganges with his life, while his harem fell into Sher Khân's hands. Sher Khân, however, never fought with the helpless—peasants, women and children—but protected them all.

The effect of the battle of Chaunsâ was to make Sher Khân *de facto* king of Bengal, Bihâr and Jaunpûr. Even now he acted with his habitual prudence and foresight, and made no serious attempt to follow up Humâyûn or to march on Agra. He was specially severe to Mughal and lenient to non-Mughal prisoners, and he recognised that in many respects, for all his victories, he was still an upstart in the eyes of such Afghân families as the Lodis, Farmûlis, Sarwânîs, and their like. So he proceeded with caution until his unquestioned position with the people was such as to induce the old nobles, on the proposition of Masnad-i-'âlâ'Isâ Khân Sarwânî, to proclaim him at Gaur as sovereign of the territories stretching from Kanauj to the Bay of Bengal, under the style of Sher Shâh As-Sultân-al-'Adil, in December 1539, when he was 53 years of age.

Sher Shâh now found, like other conquerors, that when he had reached to more than his ambition he had to act with greater vigour than ever to keep the position he had attained. His course was not easy. He made overtures for support to the rulers of Gujarât and Mâlwa, which were abortive because they did not properly appreciate the consequences of his achievements; and then he had to go after Humâyûn still in active defence at Agra. In this pursuit his son, Qulî Khân Sûr, met his death at the hands of Humâyûn's forces in an attempt to capture Kâlpi for his father, owing to want of support from Qâdir Shâh (Mallû Khân) of Mâlwa, on which Sher Shâh had confidently calculated. This shows that even he at times made mistakes.

(To be continued.)

NOTES AND QUERIES.

NOTES FROM OLD FACTORY RECORDS.

36. A Civil Servant's Dismissal for Neglect of Duty.

13 April 1691. *Consultation at Fort St George.* Mr. James Johnson the Essaymaster, continuing his Negligent idle life, and being little or noe wayes Serviceable in the Mint, Tis orderd he be dismiss the Right Honble. Companyes Service and that what due to him to this time for sallary and dyett money be paid him by the Paymaster after his delivery the Mint Stores to the Mint-master. (*Records of Fort St. George. Diary and Consultation Book of 1691.*)

37. Amnesty for fugitive Europeans.

13 April 1691. *Consultation at Fort St George.* The President having notice of many English fugitives, at least 100, Scattered about the Countrey, and having used all possible means to recall them by threats and perswasions, but not being able to prevaile, they being fearfull of Justice; therefore to recover them, as also to prevent their apostateing from the Christian to the Moors [Muhammadan] religion, Tis orderd that a Generall pardon

be disperst to Severall parts of the Countrey, which wee hope will be an effectuall means for their returne, when we may devide them to our Severall fortified Settlements, especially to Bombay, where they are in great want of Europeans. *Op. cit., loc. cit.*

38. Proclamation relating to Counterfeit Gold Coins.

15 May 1691. *Consultation at Fort St George.* There being of late great complaints of many counterfeit falce Pagodas of the Same Stamp as ours but not half their finess or Vallue, a strange instance whereof appeard to us this day in a Summ of about 1000 Pagodas now brought by Mr Fraser and Mr Gray to be paid into the Right Honble. Companyes Cash upon Mr. Mose deceased his Accompt, whereof were found 86 of these base Pagodas, but cannot tell of whom they received them; wherefore Tis orderd that Proclamation be made by beat of drum and affixt upon the Gate to cry down these counterfeit Pagodas and their payments upon Seveer penaltys. *Op. cit., loc. cit.*

R. C. TEMPLE.

A NEW VIEW OF SHER SHAH SUR.

By SIR RICHARD C. TEMPLE, Bt.

(Continued from p. 184.)

Humâyûn on his part was as dilatory as ever, hesitating and quarrelling with his brother and nobles, and he allowed Sher Shâh to reach Allahabad and far up the Ganges. But despite his difficulties, the army and artillery he could still get together was larger and more formidable than Sher Shâh's. Desertions induced him to cross the Ganges north of Qanauj and there the two armies entrenched much as at Chaunsâ, opposite each other, across a small stream running into the Ganges, until the Mughals moved, on the 17th May 1520, to higher ground near Bilgrâm in the Hardoi district in front of Sher Shâh, and brought on a general battle in the open field.

The Mughal army was well deployed in the approved and successful plan of the day and was a truly formidable object for an inferior force to attack, but though this was the first time that Sher Shâh had met Humâyûn in pitched battle where surprise was impossible, he showed himself a good tactician, as well as strategist, by the way he took advantage of the fighting constitution of a Mughal army of the time. He kept about a third of his force in support and divided the rest into three positions, with his son, Jalâl Khân Sûr, and Khawâs Khân on the wings, and himself opposite Humâyûn's powerful centre. He did no more than keep Humâyûn in check, and sent his wings to attack the Mughal flanks. Jalâl Khân Sûr failed, but Khawâs Khân succeeded in driving back his opponent. Meanwhile, the Mughal centre not being seriously opposed, started to advance. This enabled Khawâs Khân to get behind the Mughal forces. It was here that Sher Shâh showed his judgment in tactics. Every Mughal commander of the time, great or small, was accompanied in the field everywhere in action by numerous unarmed slaves, who were an uncontrollable incumbrance in defeat. It was through these that Khawâs Khân's cavalry rode, with the result that they rushed in amongst the artillery and troops of Humâyûn's centre in a panic for protection, before either could deploy for action, and threw them into hopeless confusion. Sher Shâh was then able not only to retrieve his son's failure, but to attack Humâyûn's centre when in confusion. Humâyûn was completely routed and the battle of Bilgrâm cost him his throne.

Sher Shâh then sent some of his lieutenants to frighten Humâyûn out of Hindustan and pursue him to Lahor, while he followed more at leisure *viâ* Agra and Delhi, characteristically reprimanding unnecessary cruelty and punishing oppression of peasantry. Humâyûn always hesitating, always unable to unite his family or adherents, was powerless to present a real front to Sher Shâh, and retired in a vacillating way towards Tattâ and Bhakkar in Sind, accompanied by a general exodus of Mughals from Lahor, only a small portion of whom followed him beyond Khushâb on the Jhelam. Khawâs Khân pursued him as far as the old Panjab frontier, where the Five Rivers are merged in the Panjnad on their way to join the Indus beyond the Uch, and then left him. It was during his sixteen years of wanderings in exile that Humâyûn's son, the great Akbar, was born in 1542 at Amarkot, in the desert between Sind and Râjputânâ.

The mountainous country in the Northern Panjab in the upper courses of the Indus and Jhelam, occupied at that time by the warlike tribe of the Gakkhars, was always of great strategic value, from the days of Alexander onwards, for an invader from the North-west, and yet though no throne at Lahor or Delhi was safe while it remained independent, no previous Muhammadan Dynasty had thoroughly subdued it. Sher Shâh was not the man to

neglect such a precaution and he set to work to gain possession of the country, building incidentally a fortress which he named after his Bihâr stronghold of Rohtâs. But he could not complete his design, because Khizr Khan, his Governor in Bengal, showed obvious signs of claiming independence, and had married the daughter of the dispossessed Mahmûd Shâh, whose influence was by no means dead there. So Sher Shâh made one of his rapid surprise journeys in force from the northern Panjab to Gaur, arriving in March after a journey of about two months, and dealt effectively with Khizr Khân.

Bengal, owing to its distance from the Mughal centre, had always been under practically independent Governors, and nothing beyond an occasional gift, extorted or given out of friendship, had ever reached Delhi from the outlying province by way of imperial revenue. But Sher Shâh in his own inimitable manner, in the words of Professor Qanungo, "changed the military character of the provincial administration and substituted a completely new mechanism, at once original in principle and efficient in working." He proceeded to reduce its unwieldy size by splitting it up into several smaller governorships, mutually independent and all appointed directly by him—hence the 19 *sarkârs* of the *Ain-Akbarî*. And over them all he put an Amin-i-Bengala, a sort of referee in all local difficulties, but without executive authority. The system stopped rebellion, secured uniformity of administration so far as that was possible, and prevented Bengal from troubling Sher Shâh thereafter.

After settling Bengal, Sher Shâh had, in 1542, to turn his attention to Mâlhwâ in Central India, as an independent Mâlhwâ meant a serious menace to any power ruling from Delhi or Agra. It had come under Musalmân rule in the days of the Mamlûk or "Slave" King, Altamish (1234 A.D.), and thence through the Tughlaqs. After the sack of Delhi by Tîmûr (1398 A.D.), it became independent under Turkî rulers of Ghorî and Khiljî origin until it reverted to Râjpût rule under Rânâ Sangâ of Mēwâr for a short time, till Bâbur overthrew him at the great battle of Kanwâ in 1527, only to place it under the dominance of Bahâdur Shâh of Gujarât. On his death in 1537 most of it passed under the sway of Mallu Khân, a local noble, as Qâdir Shâh, one part of it under a Râjpût chief, Pûran Mal Chauhân of Raisîn, and another portion across the Narmadâ under Mu'ayyin Khân of Hindiâ. All these chiefs had been hostile to Sher Shâh for a long while. The situation was therefore specially dangerous for him in view of Humâyûn's presence in their comparative neighbourhood.

Sher Shâh no doubt had old scores to settle with all the Mâlhwâ chiefs, and probably was not sorry to take action against them. But we need not follow the chroniclers in laying stress on this aspect of the question, as the political conditions were obviously cause enough for so astute a man. This is shown in his despatch of Shuja'at Khân, his Governor in Bihâr, immediately after his victory at Bilgrâm in 1540, to take possession of Gwalior, so as to secure the southern frontiers of Delhi. This serious quest took Shuja'at Khân nearly two years to accomplish, just in time for Sher Shâh to start for Mâlhwâ in 1542. Pûran Mal of Raisîn submitted without trouble and was left in subordinate possession of his territory. Qâdir Shâh also came in to submit, was well received and was offered the Sarkar of Gaur in exchange for Mâlhwâ, a policy in treating dethroned sovereigns which was copied by Akbar with success. This caused Qâdir Shâh to fly to Gujarât. Mu'ayyin Khân of Hindiâ also submitted voluntarily, but was under suspicion nevertheless, and his territory was annexed. Thus Sher Shâh came into peaceful possession of Mâlhwâ and returned to Agra, but his lieutenants had to fight to retain it, before Qâdir Shâh and his allies were finally defeated under Shuja'at Khân and Hâjî Khân, Jâgîrdâr of Dhâr, the latter being rewarded for his services by the Governorship of Mâlhwâ from Mândû.

Soon after his return to Agra, Sher Shâh found himself seriously faced by Mâldev of Mârwar, who had been intriguing with Humâyûn, then at Bhakkar in Sind, more or less under the protection of Shâh Hussain of Tattâ.

Mâldev Râthor, a man of great parts, had recently raised Mârwar from an insignificant principality into the greatest centralised state in Râjputânâ. He had been a friend of Sher Shâh, but the latter's acquisition of Humâyûn's territories had so threatened his own State as to turn him into an implacable enemy. So he represented to Humâyûn his chance of recovering his throne. Humâyûn, as hesitating and inept as ever, did not, however, get further than quarrelling with his family and supporters as to the action to be taken. Finally he decided to try the aid of Mâldev, but far too late. This gave time to Sher Shâh to take active steps—very active steps—to protect himself from a combination of Mâldev and Humâyûn, and as it suited neither Sher Shâh nor Mâldev to join issue in actual war, the net result of Humâyûn's efforts was his retreat back to Amarkot in the desert, where, as formerly stated, his son, the great Akbar, was born.

Safe from Humâyûn, Sher Shâh set to work to organise Bihâr, where he did some notable things. He found Bihâr to consist of the old Magadha Kingdom, and he added to it the Rohtâs and Mungêr Districts, and also Tirhût to the North of the Ganges, creating the large province which afterwards was Akbar's Sûbah of Bihâr. He then rebuilt Patna, making it the capital of the new Province, in supersession of Bihâr town, and constructing a fort at the strategic point it possessed on the Ganges.

He next, in 1543, returned to Mâlwa in order to oust Pûran Mal from Raisîn, where he had left him in the previous year. In the whirligig of the fortune of war between Muslim and Hindu, the great fortress of Raisîn had of comparatively recent years played so prominent a part, and had been the scene of so many conflicts, rousing the fiercest animosity, that Sher Shâh's desire to possess it has been put down to religious motives. The real reason, however, was political, *viz.*, to protect his frontiers by removing the Râjpût chiefs from power in so menacing a spot. Pûran Mal had never been in any doubt as to the temporary nature of Sher Shâh's clemency during his previous invasion of Mâlwa.

Sher Shâh sat down to invest Raisîn for six months, casting cannon in his camp on so large a scale as to oblige him to seize all the copper and similar metal he could lay hands on, a proceeding adopted on the European Continent in the late Great War for the same reason. In the end Pûran Mal made overtures for leave to evacuate the fort with all his Hindu following and their belongings. Sher Shâh, always careful of the lives of his own troops, agreed to all the terms proposed, even to moving his forces out of the route of the evacuating population. But he reckoned without his people and their long ruffled feelings against the Râjpûts of Mâlwa, and there was more than serious grumbling in his army, led by the great saint, Shekh Rafi'u'ddin Safavî. Matters were not in his hands, and the Afghâns by a forced march overtook the retiring Râjpûts, and then was carried out the awful *jauhar* (holocaust of wives and children) of Raisîn, and the last stand, without hope, of the Râjpûts was made. We need not attribute to Sher Shâh an incapacity for treachery in order to acquit him of voluntarily performing so stupid a slaughter as this, and one so certain to recoil adversely on himself in the future. There are many instances in history of strong and sagacious leaders of men being forced into action against their own better judgment. A parallel to this particular incident in Sher Shâh's career is Cromwell's action in the matter of the trial

and execution, or judicial murder, of Charles I. He was much too clear-headed not to appreciate the political folly of such a proceeding, but, strong as he was, he was helpless in the face of the fanaticism of his followers.

The next item in the career of Sher Shâh well exhibits the commanding capacity of the man and his strength of character. When he left the Northern Panjab for Bengal early in 1541, he made the serious mistake of leaving two able soldiers behind to carry on the reduction of the Gakkhar Chiefs, who held out well. The result was that they quarrelled hopelessly, and Sher Shâh had to decide between Haibat Khân Niâzi, the better born and more influential, and Khawâs Khân of the lesser influence but of the greater military capacity and also his own particular *protégé*. He had to recall one or the other. He acted strictly on the principle of the best service to the country and recalled Khawâs Khân, leaving Haibat Khân Niâzi as Governor of the Panjâb, who soon had his hands full with the question of Multân, which had become independent of Delhi after Timûr's invasion in 1398. Multân came subsequently under several local rulers—Langâs, Mughals, Baloches—but its general condition may be described as anarchical. The particular trouble before Haibat Khân was caused by the depredations of Fath Khân Jât of Kot Kabûlâ, a very troublesome robber chief. Haibat Khân Niâzi with much skill got rid of Fath Khân Jât and took possession of Multân for Sher Shâh, who dealt with the people with his usual sagacity. He caused Multân to be repopulated and treated with such benevolence that it soon flourished more than it had ever done.

Sher Shâh went further, and through some lieutenant, perhaps Haibat Khân Niâzi, took possession of Sind, issuing his coins from "Sherghadh or Sakkar-Bakkar," the ancient ferry over the Indus. By this performance Sher Shâh secured a firm hold over the Râjpûtânâ desert, and as Humâyûn had by this time fled towards Kandahar *via* Sibî and the Bolân Pass, he closed that route by strengthening Bakkar under its new (and temporary) name of Sherghadh, should that Mughal ruler be inclined to make another effort to recover his throne with Râjpût assistance. We owe the whole of this information to the researches of Professor Qanungo.

Sher Shâh now went to Delhi, in 1543, and began his buildings there, but he did not neglect his favourite occupation of revenue and administrative reforms in newly acquired territory. Multân revenue was to be collected in kind, and not partly in kind and partly in cash as elsewhere. But after all, his chief occupation was preparation for an expedition against his dangerous neighbour Mâldev of Mârwar, now that he had separated from the Mughals and was partially surrounded by the lately conquered Imperial territories. Mâldev was quite aware of his danger and fortified the usual and most vulnerable gateways into his kingdom. But Sher Shâh was equal to the occasion. In 1544 he invaded Mârwar by the Jodhpur route, *via* Nâgor and Mërta, *i.e.*, by the desert route, with the largest army he had ever commanded, say 80,000 men—an immense force in contemporary estimation. He proceeded in his habitual manner, marching and entrenching—trenches in cultivated land, sandbags in the desert. He was checked near Ajmer by difficulties of food supply, and sat looking behind his trenches at Mâldev in his fortress, and on the whole Mâldev was master of the military situation. Surprise was not possible, so Sher Shâh resorted to a stratagem (afterwards performed with great success by Aurangzêb), relying on the simplicity and highly-strung nature of the true Râjpût. He caused letters, purporting to be written by Mâldev's nobles and containing offers to betray Mâldev into his hands, to be forged and dropped in a bundle where

they could be picked up and delivered to Mâldev. This was done by an agent and Mâldev could not be persuaded that there had been no treachery, and consequently fled to Jodhpur.

Sher Shâh entered Ajmer and overran Mârwar to Mt. Abu (a fact discovered by Professor Qanungo), manœuvred Mâldev out of Jodhpur at last, and left him in peace safely at Siwânâ. He then returned to Agra for a short while for a peculiarly Indian reason, *viz.*, to show that he was alive, as owing to the incurable credulity of the Indian public, rumours as to his death in the Râjputânâ deserts had become current and were gaining too much ground. He then returned to Râjputânâ, took Chitor and overran Mewâr in the course of a sort of triumphant march. He upset no local chiefs and reduced none to real subjection, but satisfied himself with proving his irresistible might, and so kept them in order by holding all the strategical positions and the lines of communication, and thus incidentally isolating the chiefs and preventing combinations.

He next turned his attention to Bundelkhand and the freebooting Bundelâ Râjpûts, commencing a siege of their great fortress of Kâlinjar. With his accustomed energy, Sher Shâh was taking a personal share in the investment, when he was severely burnt by an accident arising out of the throwing of hand-grenades (*huqqa*) and was carried to his camp mortally injured. The Afghâns stormed the fort the same day and Sher Shâh died in the evening of the 22nd May 1545, in the very hour of victory over the infidels, "the most coveted death of a good Musalmân," as Professor Qanungo puts it. He must have been then in his sixtieth year at least.

He left two surviving sons—neither worthy of their father—'Adil Khân Sûr, indolent and indifferent and a poor soldier, and Jalâl Khân Sûr, active, fierce and vindictive, but a good soldier. Jalâl Khân naturally succeeded and was soon in Kâlinjar. Sher Shâh was buried in the magnificent mausoleum he had built in his old home, Sâsarâm.

Such is an outline of the career of Sher Shâh Sûr according to the latest research. Now let us see what India owes to him as a monarch. His empire extended over all North India, on the West from the Afghân hills beyond the Indus south of the Himalayas to the hills of Assam on the East, and his main civil achievement was the creation of a definitely organised administration built up in recognised grades of authority from the bottom upwards, which kept even provincial governors—let alone all below them—directly subordinate to the central authority. It also effectually prevented any local personage from independently controlling the life of the villager—from being in fact his "Providencer" (*mâ-bâp*)—a relation between peasant and official which has lasted so long in India that the feeling is still a great force in the countryside. Sher Shâh did not, of course, invent his system out of his inner consciousness. His merit lay in consolidating and making practical what was in embryo in the systems, or rather methods, of various previous rulers.

Sher Shâh started his civil administration with the smallest unit he could—the *pargana* (district). Each *pargana* consisted of *dihi* (villages, or perhaps more accurately, townships or parishes) and was a part of a *sarkâr* (division or minor government), which in its turn was under a titular governorship. Each of these units, great or small, was as small as it could be made. Thus he created in the area he ruled 8 titular governorships, 86 divisions and 2467 districts of about 15 townships each. A comparison with the modern administrative divisions and sub-divisions of the same area will show how comparatively small these were. The result was to connect the remotest village by a chain of regular links with the central authority.

The *pargana* officials were the *shiqdâr*, a military police officer with limited powers, to support the *amîn* or civil head and arbitrator in revenue disputes between the State and the payer of taxes. The *amîn* had for civil subordinates the *foṭadâr* or treasurer and two *kârkuns* or clerks, one each for Hindi and Persian correspondence. The civil officials were collectively and individually responsible to the Central Government. This requirement prevented corruption and embezzlement.

The Sarkâr was administered by a Chief *Shiqdâr* (the *Faujdar* of later times) and a Chief *Munsif*. The Chief *Shiqdâr* was a local grandee with a large military following, whose duty was to keep order, but he was, nevertheless, essentially a superior officer of a civil police. The Chief *Munsif* looked after the subordinate civil offices and acted as a circuit judge to settle civil suits and redress local grievances. He had no revenue office, all revenue correspondence going direct from the *pargana* to the Imperial Secretariat.

Beyond the *Sarkâr*, Sher Shâh created no higher administrative unit. He would have no military governors, and as a matter of fact the familiar *sûbahs* and *sûbadârs* of history came later. The nearest he got to the provincial governor of later times was the Qâzî Fazîhat of Bengal, who was a general referee to weld the administration of the officials of the Bengal *sarkârs* into a homogeneous whole, without the possession of any military, and with the possession of but little administrative, authority. But like all other rulers, Sher Shâh could not always do as he pleased, and the local situation obliged him reluctantly to appoint Haiḃat Khân Niâzî, Shuja'at Khân and Khawâs Khân supreme military governors respectively of the Panjab and parts of Mâlwa, with an obvious intention to make the appointments temporary.

The upshot of his system of government was the centralisation of all supreme authority in himself, even in details. His ministers were but secretaries, but he heard reports by departments and so laid the foundation of the British Secretariat Departments. He was also his own Finance Minister and superintended his treasury and its accounts himself. His general system was at the bottom of the whole Mughal administrative structure and to this day the District Magistrate and the *tahsildâr* are the lineal descendants of the Chief *Shiqdâr* and his *amîn*. The personal work he performed must have been enormous, but he made it run so smoothly and mechanically, that it did not interfere with his immense military and even architectural and engineering activities. Truly a wonderful man.

In his military administration the trend of Sher Shâh's mind and capacity came out clearly. He followed and improved on 'Alâ'u'ddîn Khiljî's system (1296-1316), though it had long been lost sight of under his successors, until it disappeared in the clan system of the Lodi Afghâns (1451-1526). 'Alâ'u'ddîn Khiljî recruited his army directly, paid them in cash through his own treasury, officered them himself and branded the horses. His army was an organised imperial force and not a mere collection of feudal units. Sher Shâh, too, was his own Commander-in-Chief and Paymaster General, and always aimed at putting the soldier into as close touch as possible with himself, keeping recruiting, promotion and salary in his own hands. His Army-Commander was a purely military official with no civil authority except on the frontier; and like all successful Muslim rulers in India, Sher Shâh from the beginning gave important military and civil posts to selected Hindus.

It will have been seen from Sher Shâh's management of his father's fief, that he had made himself an expert in the collection of revenue. The theory, still in vogue, of all land outside the towns being the property of the monarch had existed at the outset of Muslim rule in India, and it was 'Alâ'u'ddîn Khiljî that introduced the idea of survey and assessment, though his innovation did not remain long in effect and degenerated to guess work at the

caprice of the ruler under the Tughlaqs, until the beneficent Firôz Shâh Tughlaq (1351—1388) revived it. Nevertheless, the pernicious system of granting fiefs, as a reward, to the military following of the Muslim invaders, which lasted on to Humâyûn's day, prevented the efforts of Firôz Shâh Tughlaq from effectually protecting the peasantry against oppression.

Sher Shâh swept it away and reverted to the land measurements of 'Alâ'u'ddîn Khiljî and improved on them, and everywhere he took a fourth, instead of 'Alâ'u'ddîn's half, of the assessed produce, allowing the peasant the choice between paying in cash or kind. He also gave title-deeds stating the revenue demanded in each case, according to an agreement duly signed and sealed; and he fixed the collection fees himself. His assessments were light and his officials found favour by realising them in full. Finally, he abolished new grants of fiefs for good service by soldiers, rewarding them in cash. His system was rigorously carried out, and had his life been spared, the long-established plundering superior land-lord would have disappeared. As it was, he succeeded in establishing a system which was the model for Akbar, through Todar Mal, and formed the basis of the modern British system of revenue settlement.

Sher Shâh's revenue management demanded the existence of regular coinage, and practically he had to create it. Sweeping away all the indefinite metal currencies he found, he introduced a new *dâm* or copper unit and divided it up into sixteenths for cash revenue purposes, and his gold and silver coins were good, having a fixed relation to each other and to the *dâm*. He further developed the plan of establishing mints at the more important centres of his ever-increasing empire, which have been since so important for tracing historical facts. Truly was he the father of the existing British Indian coinage.

Sher Shâh made another clean sweep of old established pernicious habits. Except perhaps as to corn under 'Alâ'u'ddîn Khiljî, there had never been freedom of trade between petty governments within the Muslim Empire. Sher Shâh abolished all customs, except on the frontier and an octroi at the markets. He thus encouraged trade in a manner unknown to Europe or elsewhere in his day.

He showed his administrative genius by his extensive road-building everywhere, and in all directions from Agra. His great roads, Agra to Burhânpur, Agra to Jodhpûr and Chitor, Lâhor to Multân, and the greatest of all, Dacca (Sunârgâon) to the Indus, were well shaded and extraordinarily well supplied with rest-houses. Improved by the work of generations, they are there to this day. The rest-houses were an old institution, but Sher Shâh's merit was that in his time they were deliberately designed to entertain Hindu and Muslim alike. His system of posts was inherited and so was his method of espionage.

Sher Shâh's police system was effective, though mediæval in its severity and methods, but his regulations as to responsibility of village officials for crime committed within their jurisdiction and for fugitive criminals traced to their villages remind one of the existing Track Law of the Panjâb, and are therefore interesting.

Within his opportunities, Sher Shâh was a noble builder. His splendid mausoleum at the family fief of Sâsarâm is the finest specimen as a matter of architecture, but he built much else, and was a past master in the art of the construction of strong forts in the right strategical positions—a great though minor point in his many outstanding capacities. He found Todar Mal Khatrî for the building of his Rohtâs Fort to overawe the Gakkhars—the Todar Mal, who was to do so much for Akbar later on.

I shall not attempt to write a 'character' of Sher Shâh. His life shows him to have had all the qualities that go to make a great ruler of men—one who had the genius to be a great pioneer: a man ahead of his time, and therefore a man whose career deserves the closest study in its every aspect by all Indian administrators who would profit in their day by the doings and ideals of one of the very greatest of their predecessors.

MR. D. BANERJI'S DATE FOR KÂLIDÂSA.

By K. G. SANKARA.

MR. D. BANERJI'S article, in the *Journal of the Mythic Society*, Vol. X, pp. 75—96 and 364—71, in which he sets out to prove that Kâlidâsa lived in the first century B.C., has been brought to my notice. So many of his statements and arguments seem to me to be open to criticism that I propose to take them *seriatim* and point out where to my mind they are in error or untenable.

1. *Statement*.—Kâlidâsa's date settles that of his patron Vikrama also. *Remark*.—This involves the assumption that Vikrama was his patron.

2. *Statement*.—Śâlivâhana ruled from 78 A.D. *i.e.*, from the foundation of the Śâka era. *Remark*.—The Śâka era was probably founded by Kanishka in the next century and it was never used by the Andhras.

3. *Statement*.—If his second and third principal theories are refuted the first alone remains and there can be no others. *Remark*.—There are however others.

4. *Statement*.—There was not time for Kâlidâsa to become a classic in Bâṇa's day. *Remark*.—Kâlidâsa was very widely known and 100 years is time enough.

5. *Statement*.—Mr. Banerji speaks of Batsavatti and Dharma-vardhana. *Remark*.—Surely he means Vatsabhaṭṭi and Vishṇu-vardhana.

6. *Statement*.—Kâlidâsa does not directly refer to himself or his patron, and therefore lived before the first century A.D., when such references became a practice, and inscriptions of the 3rd and 4th centuries A.D. prove the existence of the practice. *Remark*.—Kâlidâsa does refer to himself in his dramas (see *Introd.*) Bhâravi, Viśâkha-datta and Bhavabhūti, who came after him, do not mention their patrons. And it may be argued that no analogy can properly be drawn between the practice of the poets and that of the hireling who composed the inscriptions.

7. *Argument*.—By describing the Avantî king in the *Raghuvamśa* as long-armed, broad-hested, narrow-waisted and comparable to the sun, Kâlidâsa is hinting that his name was Vikramâditya. *Remark*.—If the poet wanted to do so, why should he not have done so more clearly? *E.g.*, by using *âditya* for *ushṇa-tejâh*, which by suitable change he could easily have managed without breach of metre.

8. *Argument*.—Indumatî rejects the Avantî king because she, as the water-lily, cannot bear him, as the sun. This relegates Aja to the position of a moon (*Ragh.* VI, 36). Also Raghu omits to conquer Mâlva. Therefore the Avantî king was Kâlidâsa's patron. *Remark*.—Both the Avantî king and Aja were but stars or planets before the moon, *i.e.*, the Magadha king, whom alone the Earth owned as her lord, though there were thousands of other kings (*Ragh.* VI, 22). Raghu also omits to conquer Magadha as well as Mâlva. Magadha was therefore the greatest of Kâlidâsa's possible patrons.

9. *Argument*.—On this last point Mr. Banerji contends that Magadha being on Raghu's route must be included in his conquests and that the fact was omitted out of respect to the Magadha king. *Remark*.—Avantî was also on Raghu's route from Trikûṭa to Pârasika by the land-route (*Ragh.* VI, 59, 60); and if the Magadha king was not Kâlidâsa's patron, why should his defeat be omitted out of respect? Even supposing the Avantî king was Kâlidâsa's patron, it does not follow that he was Vikramâditya, who was not the only king of Mâlva.

10. *Argument.*—In the words *Babandha sâ n-ottama—Saukumâryâ kumudvatî bhânumatî-iva bhâvam* (*Ragh.* VI, 36) there is a reference to Vikrama's traditional queen Bhânumatî by construing the text as *kumudvatî sâ Bhânumatî iva*. *Remark.*—*Bhânumatî iva* would naturally mean that "Bhânumatî, like Indumatî, rejected the Avantî king" and not that "Indumatî, unlike Bhânumatî, rejected him." Also *Kumudvatî*, taken with *uttama-saukumâryâ* and applied to *sâ*, is redundant, and if *Kumudvatî* be applied to *Bhânumatî* it is meaningless. It may be remarked also that the commentators, who saw a reference in st. 14 of the *Meghadûta* to Dingnâga and Nicula, could not see any allusion to Bhânumatî in the text under discussion.

11. *Argument.*—The tradition as to Bhânumatî can be carried as far back as the *Gāthā-sapti-śatī*. *Remark.*—There is no reference in the *Gāthā-sapta-śatī* to Bhânumatî.

12. *Argument.*—Buddhist kings from Aśoka's time used to praise their own acts in pillar-inscriptions. Kālidāsa condemns such self-praise in the words *ding-nāgânām sthûla-hast-âvalepân*, the Buddhist missionaries being called Ding-nāgas. *Remark.*—In Apte's *Dictionary* "witting" is not found as a sense of *lêpa*. Excepting perhaps Aśoka himself, no Buddhist king is guilty of self-praise in inscriptions. Even Aśoka's inscriptions were cut to emphasize his teaching by personal example rather than in self-praise. If, too, *ding-nāgânām* refers to Buddhist missionaries, *sthûla-hast-âvalepân* must refer to their acts and not to the Aśoka pillars, nor does Mr. Banerji say why the poet should ask the cloud to avoid the pillars.

13. *Argument.*—The Aśoka pillars being inscribed in the Four Quarters can be themselves termed *ding-nāgas*. *Remark.*—The Aśoka pillars were set up not in the Four Quarters only, but in every part of his Empire.

14. *Argument.*—The secondary meaning attributed by Mallinātha to *Megha-dûtâ*, st. 14, cannot be credited for want of corroboration. If Kālidāsa wanted to cast a slur on Dingnâga, he would not have used the honorific plural and would not have asked the cloud to avoid Dingnâga's writings. *Remark.*—The *Sabd-ârṇava* gives Nicula as a poet's name, and both Mallinātha and Dakṣiṇâvarta, whom Mallinātha mentions as a previous commentator (*Ragh.* Introd.), quote a verse by Nicula. Dingnâga was a famous Buddhist Scholar, who, according to Mallinātha criticised Kālidāsa, and it was Nicula, a co-pupil of Kālidāsa, who defended him. Dakṣiṇâvarta confirms this and adds that Dingnâga accused Kālidāsa of plagiarism. Kālidāsa, in fact, had no desire to cast a slur on Dingnâga, but only defended himself against his criticism by citing Nicula's opinion. The plural form *Dingnāgânām*, though respectful, was not necessarily used to express mere respect, as it would imply that the criticism of any number of such scholars as Dingnâga could not weigh against the taste of Nicula. In the allegorical sense of the words the poet addresses not the cloud (*megha*) but the poem with that title (*Megha*). All this goes to show that Kālidāsa was a contemporary of Dingnâga, c. 500 A.D., thus upsetting the theory of his date as before the first century B.C.

15. *Argument.*—When Kālidāsa speaks of the Magadha king pleasing his subjects and performing sacrifices, he has Pushyamitra in mind, and when he speaks of Raghu's forbearing to annex Kalinga he is referring to Aśoka of that country. *Remark.*—The references in the first case fit Āditya-varman of the seventh century A.D. equally well, and in the second case Kulottunga's conquest of Kalinga, in spite of Mr. Banerji's objection that their very

dates preclude them, and of his use of them to show that the Magadha king was not Kālidāsa's patron. Incidentally he states that Bāṇa lived in the sixth century A.D., a clear error for the seventh century A.D.

16. *Argument*.—When Kālidāsa refers to Raghu as a *dharma-vijayā*, mentions his forbearing to annex Kalinga, and lays stress on the Magadha king's sacrifices, he is thinking of Aśoka. *Remark*.—Kālidāsa's hero was Rāma and Raghu was his ancestor. So the safest inference is that he says that Raghu was chivalrous, even to his fiercest enemy the Kalinga king, and lays stress on the Magadha king's sacrifices, because he is alluding to the emperor and his own patron of the sixth century A.D.

17. *Argument*.—The Magadha king's name *Paran-tapa* is significant in view of Aśoka's effeminate title of Priyadarśi. *Remark*.—Parantapa is a title properly applied to any Emperor.

18. *Statement*.—Guṇāḍhya lived in the first century A.D. *Remark*.—This is true, but he was not the author of the *Bṛhat-kathā*. He was only its mythical spokesman, just as the Ṛshis were of *Smṛtis*. Somadeva says he has only summarised it. We can hence fix its date with the help of the *Kathā-sarit-sāgara*. It relates miracles attributed to Sātavāhana and Nāgārjuna (c. 200 A.D.) as having happened formerly (*purā*), and mentions the Hūnas (Huns) unknown to Hindus before c. 450 A.D. while Ganga Durvinita translated it into Sanskrit in c. 550 A.D. (*Epigraphia Carnatica* XII, Tumkur, 23). This makes its date, 450—550 A.D. Bāṇa (c. 630 A.D.), mentions in the following order Sātavāhana, Pravarasena, Bhāsa, Kālidāsa, and the *Bṛhat-kathā* (*Harsha-carita*, Introd. st. 13-7). This order must be by date not merit, for then Bhāsa and Kālidāsa would precede the others. This makes both Kālidāsa and the *Bṛhat-kathā* later than Sātavāhana (first century A.D.) and Pravarasena. Rāmadāsa says that Kālidāsa composed the *Setu-bandha* for Pravarasena by order of Vikrama. This at any rate shows that they were contemporaries. The author Pravarasena was a Kuntala king (*Bharata-carita*). That is, he was Vākāṭaka Pravarasena II, and Bhoja says that Vikrama sent Kālidāsa to the Kuntala king (*Śṅgāra-prakāśa*). All this means that in reality Kālidāsa lived c. 500 A.D., and that the *Bṛhat-kathā* must be later still. Therefore Guṇāḍhya was not its author. Bāṇa and Daṇḍin confirm this by omitting the name of the author of the *Bṛhat-kathā*, even when the former mentions the names of all the other poets he refers to except the unknown author of the *Ākhyāyikā Vāsavadattā* that Patanjali mentions (*Mahābhāṣya*, IV, iii, 87 ; IV, ii, 60).

19. *Statement*.—The *Gāthā-sapta-śatī* distinguishes Vikrama's indiscriminate liberality from Śālivāhana's discriminate charity (VI, 64, 67). *Remark*.—There is in fact no such distinction drawn, as the two rulers are mentioned in different contexts. Thus, the story about Vikrama is connected with a reward to a servant for services rendered which does not imply indiscriminate liberality. Śālivāhana is referred to as the "living" refuge of declining families; and the statement does not attribute the limitation to his liberality to them alone or make his charity discriminate. Further, the *Gāthā* only proves that there was a ruler named Vikrama before the first century A.D., and does not go to prove that this Vikrama was Kālidāsa's patron.

20. *Statement*.—The pun on *āvaṇṇāyām* must have been suggested by Kālidāsa's *aparṇā*. *Remark*.—Mr. Banerji does not show that this was necessarily the case.

21. *Statement*.—The *Gāthā* (I, 43) gives an exception to a generalisation of Kālidāsa (*Megh.* 9) and casts ridicule (I, 11) on Kālidāsa's picture of the meeting of Śakuntalā and Dushyanta. *Remark*.—As a matter of fact the *Gāthā* in the text quoted (I, 43) is not referring

to Kâlidâsa or his work. The only idea common to the two passages (*Gâthâ* I, 43 and *Megh.* 9) is the sustaining power of hope (*âśābandha*), too commonplace to allow of analogy. In the second instance quoted the only common feature is that of a husband trying to pacify his wife; too common an idea to prove or infer anything. Moreover the *Gâthâ* does not mention Dushyanta or Śakuntalâ.

22. *Argument.*—Kâlidâsa refers to the old men of Avantî as versed in the Udayana legend, and therefore he must have lived before the *Brhat-kathâ* was composed. *Remark.*—The fact of Kâlidâsa's reference does not prove anything as regards his date. In the first place he does not say that the Udayana legend lived in the old men's mouths only, and even after the *Brhat-kathâ*, the legend might well have been still in old men's mouths.

23. *Statement.*—The Vikrama legend is to be relied on for fixing the date of Kâlidâsa. *Remark.*—The name of Vikrama and the fame of his charity were no doubt known in the first century A.D. but the legend of Vikrama is to be found only in late works, which so closely interweave fact and fiction that it is now impossible to separate the one from the other.

24. *Statement.*—Vikrama and Bhartr-hari were brothers. *Remark.*—Yet Mr. Banerji does not date Vikrama in the seventh century A.D., in spite of I-tsing's record, made in India between 673 and 695 A.D., that Bhartr-hari died in 650 A.D.

25. *Statement.*—Vikrama started an observatory and rebuilt Ayodhyâ. *Remark.*—No evidence of these facts is produced.

26. *Statement.*—Vikrama's valour and liberality find support in the life of Raghu. *Remark.*—This is to assume that the two heroes were identical.

27. *Statement.*—Kâlidâsa adopts a strange device in the *garbhâbhisheka* of Vikrama's queen. *Remark.*—It is mentioned by Kauṭilya (V, vi).

28. *Statement.*—Kâlidâsa wrote an astronomical work, the *Jyotir-vid-âbharāṇa*. *Remark.*—This is more than doubtful, as though the work in question claims to date from 34 B.C., it mentions the Śaka Era, commencing 111 years later and must therefore be a forgery.

29. *Statement.*—Kâlidâsa's astronomical references are important and reliable. *Remark.*—*Kumâra-sambhava* VII, 1 (not VI, 1, as quoted), relates to Umâ's marriage, not to her birth.

30. *Argument.*—Vikrama's sudden death, his queen's *garbhâbhisheka*, her regency for an unborn son, Vikrama's observatory and revival of astronomy, his rebuilding of Ayodhyâ, his claim to solar origin, his locating of the incidents in the Râmâyana, his helping the weak and the oppressed in disguise and the conflicting feelings of the queen-mother on her son's anointment—all find support in (1) "Agnivarṇa's sudden death, his queen's *garbhâbhisheka*, and her regency for an unborn son; in (2) Kâlidâsa's writing an astronomical work and his astronomical references; in (3) Kuśa's rebuilding of Ayodhyâ and his solar origin; in (4) Kâlidâsa's references to the incidents in the Râmâyana; in (5) Dushyanta's helping the hermits in disguise; in (6) Purûrava's rescue of Urvaśî from the Daityas; in (7) Śiva's going to Pârvatî in disguise; in (8) the conflicting feelings of Urvaśî on regaining her son. *Remark.*—Apart from the remarks on some of the above details already made, references to several personages that do not bear on the story of Vikrama are here mixed up.

31. *Argument.*—Tradition cannot be invented in a day and that relating to Vikrama could have imitated the best of Kâlidâsa's writings. *Remark.*—Traditions might, however, grow up in time in imitation of them, each adding a detail or two, and had they been

reasonable, they would not, as now, abound in miracles. Besides, they would not imitate the best of Kālidāsa's work, but only such portions as would finish off the story.

32. *Argument*.—Why should we disbelieve Todd's and Dayānanda's genealogies? *Remark*.—When modern writers do not indicate the sources of their genealogies the burden of proof lies on them.

33. *Argument*.—If Kālidāsa had borrowed from Āsvaghosha, he would not have repeated the same description twice. *Remark*.—Why not? Suppose we hold that Kālidāsa did borrow them, developed them and made them his own.

34. *Argument*.—The damsels' glances at Aja (a mistake for Śiva, see *Kum.* VII, 55) were immoral, and that is why Āsvaghosha says that the hearts of his own damsels were pure (*Buddha-carita*, III, 23). *Remark*.—Āsvaghosha nowhere refers to the damsels who looked at Śiva.

35. *Statement*.—Moral as he was, Āsvaghosha in one instance at any rate is obscene, why then did he lay such stress on his damsels' purity of heart? *Remark*.—This is an argument against his alleged morality, as a man really pure in thought, word and deed, would not use obscene expressions. Apart from this, Mr. H. A. Shāh points out that the use of *na* to modify his ideas is a peculiarity of Āsvaghosha (cf. *Buddha* V, 23; I, 23; VI, 31, 67, etc.), and that hence we should not see a reference to a person or a book when he thus qualifies a statement.

36. *Argument*.—When Āsvaghosha mentions Māra's wonder at Buddha's resistance, he is really having a fling at Kālidāsa's reference to Śiva's yielding to Madana's influences, and Bhāravi in revenge makes Arjuna tempt the very tempters. These facts settle finally the order of these poets, although, in the original stories, Buddha and Arjuna were not overcome by temptation. The points to bear in mind are Māra's wonder and the tempting of Arjuna's tempters. *Remark*.—Māra, however, might well have wondered that his wiles, irresistible to gods and sages, should have failed with Buddha without thinking of Śiva. And Bhāravi might, without thinking of Āsvaghosha, well have remarked that the sensual *apsaras* were charmed with Arjuna's beauty, but that strong-minded Arjuna did not yield to their temptation.

37. *Argument*.—Buddhist writers from Āsvaghosha's time in dropping the old Pāli language and taking to Samskrt, did so under the influence of Kālidāsa. *Remark*.—This means that Āsvaghosha followed Hindu models. If so, why not the *Rāmāyaṇa* or the *Mahābhārata*? And why Kālidāsa especially? But the fact is that the aim of the Buddhist writers was to reach the people and so they first adopted Pāli which was the people's language, and when about 100 B.C. it ceased to be generally spoken, and the language of poetry could only be Sanskrit, the common tongue of scholarly Hindus, they dropped Pāli and adopted Samskrt. Further, by that time Buddhism itself had ceased to be popular and was becoming assimilated to Hinduism in philosophy, ritual and language. This is confirmed by the fact that all inscriptions from that period, Buddhist and Hindu, were composed in Samskrt in place of Prākṛt.

38. *Argument*.—It is absurd to assert that the great Kālidāsa borrowed from Āsvaghosha. *Remarks*.—Great poets however have borrowed from predecessors: e.g., Shakespeare, Goethe.

39. *Argument*.—Kālidāsa mentions Pushyamitra's *āsvamedha*, and depicts Agnivarṇa as a sensualist. *Remark*.—The mention of Pushyamitra's *āsvamedha* proves nothing more than that Kālidāsa was later than Pushyamitra. Sensual kings are not uncommon, and Kālidāsa's statement as to Agnivarṇa proves nothing.

40. *Argument*.—The dignity of Dhârîṇî's character proves that Kâlidâsa lived while she was still remembered. *Remark*.—Dhârîṇî might well have been remembered long after her death, even supposing that Kâlidâsa had no model in mind in conceiving such a character.

41. *Argument*.—The present *Smṛtis* make out Śakuntalâ to be a *varṇa-saṅkara*, and Kâlidâsa goes against the *Smṛtis* and makes her marry Dushyanta. He therefore lived before their compilation. *Remark*.—Kâlidâsa did not invent the story. He took it from the *Mahâbhârata*. Again no *Smṛti* fixes the caste of a Kshatriya father and an *apsara*. Also, if the *Smṛtis* prohibit *Asavarṇa-vivâha*, how is it they mention mixed castes ?

42. *Statement*.—Kâlidâsa, like Kauṭilya, denies a widow's right to inherit. *Remark*.—Is there any proof that such a rule was not still prevalent up to c. 500 A.D. ?

43. *Argument*.—Style, metre, *yamaka*, *alaṅkāra*, grammar, double-meanings and apparent contradictions all go to prove the limits of Kâlidâsa's date. *Remark*.—Such arguments can never fix definite limits.

44. *Statement*.—Kâlidâsa does not mention the Buddhists nor Râdhâ. *Remark*.—Buddhism dates from at least c. 520 B.C. and the *Gâthâ* (I, 89) speaks of Râdhikâ. There is no context in his poems where Râdhâ should have been brought in and is not.

45. *Argument*.—Kâlidâsa did not know of the *Kâmasâstra*. *Remark*.—He quotes (*Śak.* IV, 18 : *Ragh.*, XIX, 31) Vâtsyâyana of the first century A.D., or later (IV, i, 39-40 : VI, 3, 34).

46. *Statement*.—Kâlidâsa influenced Sûdraka, Bhaṭṭi, Bhartṛhari, Subandhu and Daṇḍin. *Remark*.—He adduces no evidence for the statement, and assuming there is evidence, their known dates are consistent with placing Kâlidâsa's date as c. 500 A.D., except perhaps as to Sûdraka.

47. *Argument*.—If it is true that Kâlidâsa was at Yaśodharman's Court, why was Vâsula chosen for the text of his inscription ? *Remark*.—The Court poets Kamba and Oṭṭakkûṭṭa did not compose Kulottunga's inscriptions.

48. *Statement*.—All the Samskṛt poets have imitated Kâlidâsa's *Rtu-saṁhâra*. *Remark*.—No evidence of so strong a statement is adduced.

49. *Statement*.—The *Rtu-saṁhâra* and the *Śṛṅgâra-tilaka* are the principal works of Kâlidâsa. *Remark*.—No evidence is adduced in support.

50. *Argument*.—Vatsabhaṭṭi's Mandasor Inscription of 473 A.D. goes to show that Kâlidâsa lived before that date. *Remark*.—This raises a number of points of detail to be taken separately.

51. *Argument*.—Vatsabhaṭṭi, like Kâlidâsa, is fond of *subhaga*, used *prâsâda-mâlâ* (*cf.* Fleet, *G.I.*, No. 18, line 7; and *Kum.* VII, 56), and plays on personal names (*cf.* Fleet, *G.I.*, No. 18, ll. 14, 15, and *Ragh.*, XVIII). *Remark*.—This argument does not of itself prove anything.

52. *Argument*.—Vatsabhaṭṭi admits that he wrote *prayatnena* (Fleet, *G.I.*, No. 18, l. 23). *Remark*.—*Prayatnena*, however, can mean "with great care" as well as "with difficulty." It does not indicate any borrowing on Vatsabhaṭṭi's part, much less does it prove that he imitated Kâlidâsa.

53. *Argument*.—Compare Vatsabhaṭṭi's ll. 6, 7, and 17, 18, and 18, 19, with *Megh.* (*Pâṭhak* : st. 66) and *Rtu.* (V, 2, 3, 9). *Remark*.—Comparison does not support any borrowing by Vatsabhaṭṭi from Kâlidâsa or *vice versâ*. Thus, the only words common to Vatsabhaṭṭi's ll. 6, 7 and *Megh.*, 66, are *citra*, *abhra*, *tulya*, *yatra* and *tunga* : the only ideas common to both

are that houses had women, music and pictures, and were high. The only words common to Vatsabhaṭṭi's ll. 17, 18, and *Rtu*. V, 2, 3, are *udara*, *candra*, *harmya* and *candana* : and the only common ideas are that the inside of a house, the fireside, sunshine, women's company, but not *sandal*, the moon's rays, terraces, or breezes are agreeable in winter. And there are differences : e.g., Vatsabhaṭṭi adds that in the winter fans and garlands are unpleasant, that lotuses are nipped by the frost and fish lie low in the water, while the *Rtu* adds that at the same season barred windows, thick clothes and young women are agreeable, and also that terraces are clear in the autumn moon (an inept idea) and that breezes are cold in the snow. Not a word is common to Vatsabhaṭṭi's ll. 18, 19 and *Rtu*. V, 9, and the only common idea is that young men and women defy the cold by close embrace. Such analogies as these cannot go to prove that Kālidāsa must have lived before 473 A.D.

54. *Statement*.—The Yavanas of the *Ragh.* are the Greeks. *Remark*.—The Yavanas of the *Ragh.* are identical with the Pāścātyas and Pārasikas (*Journal*, Mythic Society IX, 46, 47).

55. *Statement*.—The Hūnas (Huns) destroyed the Roman Empire in the first century A.D. *Remark*.—For first, read close of the fourth.

56. *Statement*.—The Huns attacked India on the decline of the Mauryas and Pushyāmītra checked their invasion. *Remark*.—For Huns, read Greeks.

57. *Statement*.—Vikrama defeated the Huns. *Remark*.—For Huns, read Śakas.

58. *Statement*.—In Indian Literature Śakas (Scythians), Hūnas (Huns) and Yavanas (Greeks) are mixed up. *Remark*.—As a matter of fact they are always clearly distinguished.

59. *Argument*.—The location of the Huns in the *Ragh.* on the banks of the Sindhu i.e., of the Caspian Sea, is consistent with its date. *Remark*.—The Sindhu is the Indus and not the Caspian Sea, and the variant term Vankshū gives the same location, viz., Bactria, to which the Huns first came in c. 420 A.D. They became known, however, to the Hindus only after their invasion of India and defeat by Skandagupta in 455 A.D. Hence the *Ragh.* is later than 455 A.D.

60. *Statement*.—*Akshobhya* means untarnished. *Remark*.—It means immovable, but never untarnished in the sense of unblemished.

61. *Argument*.—The Coḷas and Pāṇḍyas fought each other from the earliest times, and because the Coḷas were prominent in the second century A.D., Kālidāsa lived before that. *Remark*.—The Coḷas were prominent long after the second century A.D., and the Sangham Age in South India is now placed in c. 600 A.D. not in 200 A.D.

62. *Statement*.—Bhāravi borrowed from the *Kumāra-sambhava*. *Remark*.—No proof is adduced.

THE HISTORY OF THE NIẪM SHĀHĪ KINGS OF AHMADNAGAR.

BY LIEUT.-COLONEL SIR WOLSELEY HAIG, K.C.I.E., C.S.I., C.M.G., C.B.E.

(Continued from p. 131.)

XCIII.—AN ACCOUNT OF THE FRESH SIEGE OF NALDRUG AND OF THE MATTERS WHICH CAME TO LIGHT IN THE COURSE THEREOF.²⁶⁰

The fortress of Naldrug is famed as one of the strongest fortresses in Hind or Sind. It is built on the slopes of a lofty mountain, rising from a well watered valley, and is reputed to be impregnable. The fortress is encircled on three sides by the valley, which is wide and

²⁶⁰ Firishṭa does not mention the third siege of Naldrug formed after the retirement of the armies of Ahmādnagar and Golconda from before Bijāpūr in A.D. 1581. Sayyid 'Alī says that he was himself present at it, but, as he does not explain how Muḥammad Qulī Qutb Shāh, who had retired to Golconda, came to be with the besieging force, he seems to be serving up a *rechauffe's* of the second siege.

deep, and on the fourth side on which it is approached, by a ditch 40 *zar'* wide, and 40 *zar'* long, cut out of the hard and solid rock. The slope between the wall and the edge of the ditch measures about 100 *zar'* but has been so steeply scarped that a bird or an ant, much less a man, could hardly scale it.

Towards the end of the month of Ramzân A.H. 989 (October A.D. 1581) the allies encamped before the fortress. On the following day the *amîr-ul-umarâ* ²⁶¹ in person reconnoitred the fortress and inspected it with a view to ascertaining on which side it could be best attacked. He ordered the batteries to be thrown up on that side of the fort which was not surrounded by water. The armies then encamped over against that face of the fort, and straitly blockaded it. In the meantime the heavy Nizâm Shâhî guns, such as the *Nuh-gazî Tûp*, the *Lailâ va Majnûn Tûp*, the *Havâî Tûp* and others, which had been sent to the army in the field by Asad Khân, arrived and were set up in the position selected by Sayyid Murtaẓâ. The Qutb Shâhî guns, such as the *Tûp-i-Haidarî* and others also arrived and were set up in the same place, and the gunners, having ascertained the range, opened fire on the fortress and maintained it daily doing much execution on the walls.

Vazîr-ul-Mulk, ²⁶² who was the commandant of the fortress, had great confidence in its strength, in his treasures, and in the garrison, and therefore prepared to stand a siege and to attack and harass the besiegers whenever possible, being assiduous, day and night, in the pursuit of military glory. The ground around the fortress was apportioned to the several *amîrs* and the trenches were pushed forward; mines were sunk and the sap was carried to the edge of the ditch, and the infantry, elephants, camels, and bullocks of the army were employed in transporting stones, wood and rubbish to the ditch, in order to fill it, while the gunners brought the guns up to the counterscarp and from that point opened fire against the fortress.

The armies lay in the trenches for nearly two months, during the whole of which time there was constant fighting and the troops had hardly a moment's rest. Sometimes the defenders would make a sortie and attack the troops in the trenches, slaying many, and fierce conflicts took place. Whenever the wall was breached the defenders would make another wall, stronger than the first, behind the breach.

At this time it occurred to the *amîr-ul-umarâ* that it would be well to write a letter to Vazîr-ul-Mulk, the *kotwâl* of the fortress, setting before him the advantages of submitting and entering the service of Ahmadnagar, and the ill results of persisting in his resistance, so that haply he might be induced to make peace and to avoid further strife, which could only lead to bloodshed and to the destruction of the honour of the servants of God. He therefore wrote to him a letter to this effect, adding that the powerful king Muḥammad Qulî Qutb Shâh, aided by the army of Murtaẓâ Nizâm Shâh, was resolved on taking the fortress and would not abandon the task.

When Vazîr-ul-Mulk had read this letter he sent an answer to the *amîr-ul-umarâ* saying that he had read the letter from beginning to end and was surprised that the *amîr-ul-umarâ* should advise him to commit an act so base. Forts were as the houses of kings, and when a king entrusted his house to a servant that servant would indeed be vile who should surrender it to an enemy at his summons. He pointed out that so far as any blame for the outbreak of war went the *amîr-ul-umarâ* was the aggressor, and that he should remember, in the midst of his threats, that strife had long arms and that a stick had two ends, and that it was possible that fate might play him a trick, while even if the fort were taken its defender would

²⁶¹ Sayyid Murtaẓa Sabzavârî.

²⁶² Muḥammad Âqâ the Turkman had probably received this title.

still be praiseworthy in so far as he had made every effort on behalf of his master and benefactor, and for not having been dismayed even by a king so great and an army so powerful as those which had against him.

When the *amîr-ul-umarâ* and the rest of the *amîrs* had read Vazîr-ul-Mulk's reproachful letter they gave up all idea of a peaceful termination to the siege and determined to reduce the place by force. The artillery maintained a steady fire against the place, rolling large masses of the wall down on to the berm and into the ditch, while the whole army was employed day and night in filling up the ditch and thus making an approach to the fortress. In a short time a breach 40 *zar'* in length had been made in the wall, and the ditch opposite to the breach had been filled in.

At this time a force of nearly 1,500 horse and 1,000 foot which had come from Bijâpûr to reinforce the garrison boldly attacked one flank of the besieging army in the last third of the night and large numbers of them were killed and 300 were made prisoners. Others of them fought so bravely that they succeeded in making their way into the fortress the defenders of which were so much cheered and strengthened by their arrival that they presented a bolder front than ever to the besiegers.

XCIV.—AN ACCOUNT OF THE BATTLE FOUGHT BY MUHAMMAD QULÎ QUTB SHÂH AGAINST THE GARRISON, AND OF THE KING'S LACK OF SUCCESS.

On the following day, before sunrise, the allied armies armed themselves and prepared for battle waiting for the dawn to attack. Muḥammad Qulî Qutb Shâh in person led his army while the army of Ahmadnagar with its elephants was led by the *amîr-ul-umarâ* and both armies advanced as far as the counterscarp with trumpets sounding and drums beating. The commandant and the garrison of the fortress, on hearing the preparations for the attack and seeing the allied armies drawn up, lined the walls and then, advancing, repulsed the allies from the edge of the ditch. The allies replied with flights of arrows, volleys of musketry, and a hot artillery fire, which drove the enemy back, and so the fight continued, with much slaughter on both sides.

The writer had then but recently come from 'Irâq and was in the Qutb Shâhî service, being on that day in attendance on Muḥammad Qulî Qutb Shâh on some rising ground close to the fight, and witnessed this dreadful battle with his own eyes. The garrison of Naldrug displayed the greatest bravery but as the sloping berm from the edge of the ditch to the foot of the wall was nearly 100 yards wide and high and was very steep, and the artillery fire had brought the greater part of the wall down on it, its ascent was very difficult, and although the attacking force climbed with great determination to the foot of the wall using their fingers and even their nails, the defenders threw hand grenades among them, which hurled them back into the ditch and when they would have fled from the ditch they had the greatest difficulty in climbing the counterscarp and when one slipped he would clutch at the others and thus bring them headlong back into the ditch with him. In this way many were killed, many were scorched and burnt by the hand grenades and many were slain by musketry fire and arrows so that a hundred picked-foreigners were slain, and of the Dakanis and others the same proportion. The battle lasted from before sunrise until the afternoon and was still in progress when some spies brought news that a force of Hindûs had halted in the neighbourhood of the besiegers' camp and had prepared for battle with the object of plundering the camp. Muḥammad Qulî Qutb Shâh therefore drew off his army, without having gained any advantage and returned to camp, and the *amîr-ul-umarâ* followed his example. After this a council of war was held, at which it was agreed by all the *amîrs* that it would be best

for the army to march to Bijâpûr and besiege that city. The armies therefore marched from before Naldrug and encamped on the Beora where they remained for nearly twenty days. Here Muḥammad Qulî Quṭb Shâh grew weary of campaigning and, prompted by some of the older officers of the army sent to the *amîr-ul-umârâ* to say that he was tired of the field. The *amîr-ul-umârâ*, with the example of Muḥammad Qulî Quṭb Shâh before him, was also weary of the long campaign and the two agreed to return. Of the Nizâm Shâhî army Sayyid Mîrzâ Yâdgâr, Shîr Khân, and other *amîrs* and of the Quṭb Shâhî army Sayyid Mîr Zainal and other officers, with the troops under their command, were left to guard the frontier of the territory which had been taken from Bijâpûr, and in the middle of Muharram, A.H. 991 (Feb. A.D. 1583) the two armies separated, each marching towards its own country.

When Muḥammad Qulî Quṭb Shâh arrived in Golconda he took his ease and married the daughter of Sayyid Shâh Mîr, who had been betrothed to his elder brother, giving a great feast and shewing boundless hospitality to all comers.

The *amîr-ul-umârâ*, owing to the quarrel which he had with Şalâbat Khân, would not return to court, but marched straight to Berar.

The *amîrs* of the 'Âdil Shâhî army, on hearing of the departure of Muḥammad Qulî Quṭb Shâh and of the Nizâm Shâhî *amîrs*, collected their forces for the purpose of reconquering those districts which had been annexed by Muḥammad Qulî Quṭb Shâh. Mîr Zainal then sent a messenger to Golconda to represent to the king how great was the force which was advancing against him and how small was his own force. Muḥammad Qulî Quṭb Shâh sent to support Mîr Zainal a picked force which marched to join him with all speed.

Meanwhile some of Mîr Shâh Mîr's enemies at Golconda, taking advantage of this opportunity to injure him, produced a forged letter, purporting to have been written by him to the 'Âdil Shâhî *amîrs*, instigating them to fight with determination and promising them the support of the Foreigners of Golconda, and showed it to the king. This device did not fail of success and Muḥammad Qulî Quṭb Shâh, on seeing the letter, was at once estranged from Mîr Shâh Mîr, the principal pillar of his kingdom, and ordered his immediate arrest without any enquiry into the rights and wrongs of the matter. This action led to the greatest confusion in his kingdom and especially in the army, which was so disorganized by it that most of the elephants and cavalry horses of the army in the field were captured by the 'Âdil Shâhî *amîrs*.

When the news of Shâh Mîr's arrest became known to the army the Foreigners who were the flower of the Quṭb Shâhî troops, became utterly disorganized and lost heart altogether, so that the 'Âdil Shâhî army, on hearing of their condition, were greatly encouraged and attacked the Quṭb Shâhî army with great valour. As most of the bravest of the Quṭb Shâhî army were foreigners who were utterly confounded by Shâh Mîr's arrest, they made no effort to repulse the enemy, and, when the forces met, fled without striking a blow. The 'Âdil Shâhî army thus utterly defeated the Quṭb Shâhî army and, slaying large numbers of them, dispersed them, capturing most of the elephants and baggage. They took 215 elephants, and from this statement the amount of the rest of the plunder can be estimated.

The whole of the Quṭb Shâhî army having thus taken to flight with no regard either for honour or for shame, Mîrzâ Yâdgâr and the other Nizâm Shâhî *amîrs*, in spite of their utmost efforts, could do nothing and were compelled to flee.

XCV.—AN ACCOUNT OF THE MARCH OF SAYYID MURTAZÂ, AMÎR-UL-UMARÂ FROM BERAR
TO AHMADNAGAR WITH HIS ARMY, FOR THE PURPOSE OF HUMBLING THE POWER
OF ŠALÂBAT KHÂN, AND OF THE RENEWAL OF PEACE BY THE EFFORTS OF
ASAD KHÂN.

It has already been mentioned that Sayyid Murtaẓâ, when he returned with his army from the expedition to Bijâpûr, would not enter the capital, owing to his quarrel with Šalâbat Khân, which was sedulously promoted by the ill-wishers of both, but turned aside and entered Berar by way of the town of AUSA. Meanwhile the power and influence of Šalâbat Khân had been constantly growing greater until he began to decide all affairs of state without in any way consulting Asad Khân, and used not even to submit Asad Khân's petitions on affairs to the king, and even when a *farmân* issued to Asad Khân by name it was not, for fear of Šalâbat Khân, carried to him. Asad Khân therefore proposed to summon Sayyid Murtaẓâ, with the army of Berar, to Ahmadnagar, in order to overthrow Šalâbat Khân. The *amîr-ul-umarâ* Sayyid Murtaẓâ and his officers, such as Jamshîd Khân, Khudâvand Khân Bahri Khân, Chandâ Khân, Tir Andâz Khân, Rustam Khân, Shîr Khân Dastûr Khân and others, having renewed their compact to support Asad Khân, marched with their troops from the capital of Berar towards Ahmadnagar. When they reached the capital they encamped without the city, and Šalâbat Khân, who feared the strength of the army of Berar and was, moreover, suspicious of the fidelity of the greater part of the troops under his own command, began to make overtures to Asad Khân and so succeeded in pacifying him that Asad Khân went to the *Amîr-ul-umarâ* and used his utmost endeavours to persuade him to refrain from any act of warfare, which could not fail to lead to the ruin and desolation of the great part of the kingdom. Asad Khân succeeded in making peace between the *amîrs* of Berar and Šalâbat Khân, and the *amîr-ul-umarâ* with all his *amîrs* returned with great pomp and honour to the capital of Berar.²⁶³

At this time Khvâjagî Fathullâh Khâshî²⁶⁴ arrived at the royal court as ambassador from Jalâl-ud-dîn Muḥammad Akbar Shâh, and, after having been honourably received by the *amîrs* and the principal officers of the army, was honoured with an audience of Murtaẓâ Nizâm Shâh. According to the royal command a suitable palace was placed at his disposal and many of the courtiers, *amîrs*, and officers of state entertained him at choice banquets in pavilions erected for the purpose.

The *Bâgh-i-Farah Balsh*, laid out by the command of Murtaẓâ Nizâm Shâh, had at this time just been completed, and was one of the most beautiful gardens that the world has seen. The king now held his court in this garden and gave a great banquet there. Here

²⁶³ According to Firîšta it was in 1584 that the quarrel between Sayyid Murtaẓâ and Šalâbat Khân developed into open hostility. In that year Šalâbat Khân sent Qâsim Beg and Mirzâ Muḥammad Taqî Shîrâzî on a mission to Bijâpûr to arrange a marriage between the sister of Ibrâhîm 'Âdil Shah II and the young prince Husain of Ahmadnagar. He ordered Jamshîd Khân Shîrâzî, one of the *amîrs* of Berar, to accompany the mission with his contingent as an escort. Jamshîd Khân replied that he was subordinate to Sayyid Murtaẓâ, and would take orders from him only. He sent the order to Sayyid Murtaẓâ, who informed him that he had been instructed to obey no orders but those bearing the king's own signature and that as this order had not been signed by the king it should not be obeyed. Jamshîd Khân passed on this reply to Šalâbat Khân, and the ill-feeling between Sayyid Murtaẓâ and Šalâbat Khân became so acute that the former marched on Ahmadnagar, as described—F. ii, 281, 282.

²⁶⁴ Khvâjagî Fathullâh, son of Hâjî Habîbullâh of Kâshân, not to be confounded with Mîr Fathullâh of Shîrâz, was serving under the Khân-i-A'ẓam in Mâlwa in the 30th year of Akbar's reign (1585) and was sent as an envoy to Ahmadnagar when his namesake, the Shîrâzî Sayyid, was sent to the court of Râja 'Alî Khân of Khândesh. Sayyid 'Alî seems to be a year out in the date of Khvâjagî Fathullâh's mission, unless Fathullâh had been sent from Agra and joined Khân-i-A'ẓam in Mâlwa after returning from Ahmadnagar.

the court poets attended and sang the praises of the building and its builder. Among these was Maulânâ Malik Qumî, some of whose verses on this occasion are here recorded.

It is said that some dispute arose in this assembly among the poets who were present regarding the order of precedence in which they should recite their poems and that Maulânâ Şairafî Sâwajî, who was one of the poets present would not recite his poem, although he had a copy of it with him. This matter was reported to Şalâbat Khân, who called Şairafî to him and asked him about his poem. The Maulânâ related to Şalâbat Khân the story of the dispute regarding precedence. Şalâbat Khân said to Şairafî, who was a wild looking man, 'Wash your face, for it is best that this matter be washed out.'

XCVI.—ŞÂH ŞÂLÎH OBTAINS ACCESS TO THE KING, AND IS HANDED OVER TO ŞALÂBAT KHÂN.

When Şalâbat Khân had got all power in the state into his own hands, and was acting as though he were in truth the king, he took greater care than ever to keep the king well guarded and had the garden and all the approaches to it so closely watched by sentries and confidential officers that it might almost be said that neither the birds nor the air could obtain access to the garden. Nobody had access from without to the king save a young eunuch who was in Şalâbat Khân's confidence.

But Shâh Şâlih, son of Maulânâ Shâh Muḥammad Nishâbûrî, who had been one of the closest attendants on the king and was much annoyed by his inability to attend, as heretofore, on the king's person, determined at all costs to see his master and in his anger regarded not at all what was likely to be his fate. On the first of the month when, in accordance with the practice in the Dakan, all the army assembled to congratulate the king and to wish him good fortune, Shâh Şâlih, putting his trust in heaven alone, succeeded in approaching the wall of the garden, scaled it, and dropped down into the garden. He knew not where the king's lodging was, and the darkness of the night prevented him from distinguishing it. The king, however, was walking in the garden and Shâh Şâlih happened to meet him. It was a long time since any stranger had had access to the garden, and the king, perceiving that somebody had now gained access, advanced with his sword drawn to find out who it was and why he had come. Shâh Şâlih, when he saw the king, threw himself at his feet and began to pray for his long life and prosperity. The king recognized him and spoke kindly to him, bidding him have no fear and encouraging him to make his petition. Shâh Şâlih explained his grievances and told the king how hardly Şalâbat dealt with his subjects and how he quarrelled with Sayyid Murtaẓâ. The king did not go to bed that night but spent the whole night in inquiring into the condition of his kingdom and his subjects. When the day broke the king issued an order summoning Şalâbat Khân to him and Şalâbat Khân entered the garden in fear and terror and, having made his obeisance afar off, stood before the king. The king called him up and asked about Shâh Şâlih. Şalâbat Khân replied that Shâh Şâlih had left the country some time ago. The king then called up Shâh Şâlih and showed him to Şalâbat Khân. Şalâbat Khân was overcome with shame and confusion and prostrated himself to ask for forgiveness. The king in his clemency pardoned him and ordered Shâh Şâlih to embrace him. He then confided Shâh Şâlih to Şalâbat Khân's care and gave him strict injunctions to treat him with all kindness and consideration. Şalâbat Khân took Shâh Şâlih by the hand and led him out of the garden. He then had a tent pitched for him in the neighbourhood of the garden and set a guard over him. He then put to death, as an example to others, the sentries through whose negligence Shâh Şâlih had been enabled to obtain access to the garden.

(To be continued.)

BOOK-NOTICES.

THE DECLINE AND FALL OF THE HINDUS, by S. B. MOOKERJEE, BAR.-AT-LAW. "The Book on India's Regeneration", Foreword by SIR P. C. RAY, D.Sc. Price Re. 1 nett.

This is a publication of the Indian Rationalistic Society: a non-political body "for the propagation of knowledge on the basis of science and truth." In the foreword, the book has been called by Sir P. C. Ray as "the book on India's Regeneration" and he further commends "this thesis" to the mature consideration of his countrymen. The author tries to trace the history of India from the Vedic times downwards, which, according to him, is but the history of its gradual decay and stagnation. He tries to analyse its possible causes and suggests remedies. He makes a passionate and touching appeal for social reform, and advocates the education and uplift of the womanhood and the depressed classes of India. He speaks rather warmly against the custom of early marriage, which the author characterises as "love-less lust".

Obviously, this is a book written by a layman, but he is a layman who has tried to acquaint himself intimately with the ancient history and culture of India. On the whole, it is very interesting and edifying reading, though here and there it is interspersed with bold conclusions. Of course, when he says that there was no *pardā* system in the Mahābhārata times (p. 46) and that a general persecution of the Buddhists took place with the rise of the Śūniga power (p. 71), he may perhaps find some scholars agreeing with him. But when he says that Chāṇakya was thoroughly pro-Buddhist even though he was a Brāhmaṇa by caste (p. 69) or that 200 B.C. to 600 A.D. was a record of chaos in India (p. 70), I am afraid he will not find any scholar agreeing with him. There are, again, some statements which are evidently wrong. Thus he makes Bimbisāra, a son of Ajātaśatru who murdered him (p. 53). The truth is the other

way round. Such mistakes will, it is hoped, be corrected when a second edition of the book is published. D. R. B.

REPORT ON THE TERMINOLOGY AND CLASSIFICATIONS OF GRAMMAR. Oriental Advisory Committee, Oxford. Clarendon Press. 1920.

The origin of the *Report* and of the Committee that framed it is set out in the first paragraph of the Introduction: "Encouraged by the success of the movement in favour of uniformity of Grammatical terminology as applied to English, Latin, Greek, French and German, and the recent (1918) endorsement of the principle by the Government Committee on Modern Languages, the Standing Committee on Grammatical Reform decided in 1919 to extend the field of its operation and to invite the co-operation of Orientalists in the work of applying the scheme to Sanskrit and the modern vernaculars of Sanskritic origin. The present Advisory Committee came into being in November 1918, and it has held fifteen meetings since that date." The Chairman was Emeritus-Professor E. A. Sonnenschein of Birmingham University. The members were, in alphabetical order of names: J. D. Anderson, L. D. Barnett, W. Doderet, George A. Grierson, A. A. Macdonnell, J. W. Neill, D. C. Phillott, E. Denison Ross, R. C. Temple, F. W. Thomas and M. de Z. Wickeremasinghe.

The object of the Committee was to devise a terminology which should as far as possible be common to all the languages to which it could be applied, and thus to greatly facilitate the teaching of them. In carrying out their task the Committee selected six typical Indian Languages: Vedic, Sanskrit, Hindostani, Gujarati, Marathi and Bengali. And they illustrated by example the common grammatical terminology they recommended.

The experiment is well worth a practical trial on a large scale by those who would teach these and the allied languages in Indian Schools and Colleges.

R. C. TEMPLE.

NOTES AND QUERIES.

NOTES FROM OLD FACTORY RECORDS.

39. Pewter Table Plate.

15 June 1691. *Consultation at Fort St. George.* A sort of Metall plates [is] made in China of Tin and Tutenague [tutenaga, spelter], very hard and like Silver, which will be very handsome and useful for the Honble. Companies table here &c.

factories and save the use and loss of plates. Its therefore orderd that Six peices of Ordinary Perpetuanos [durable woollen fabric] be sent thither for a quantity of plates and dishes by Mr. John Biggs on the *Curtana* now bound for Canton. (*Records of Fort St. George.—Diary and Consultation Book, 1691, p. 27.*)

R. C. TEMPLE.

THE ADVENT OF ISLAM INTO SOUTHERN INDIA.

(A Recent Investigation.)

By SIR RICHARD TEMPLE, Bt.

THE appearance of another of Professor Krishnaswami Aiyangar's valuable and welcome historical works has induced me to construct an article out of what I had intended to be a review, in order to draw general attention to the importance of investigating the history of South India, which has only to be better and more widely known to prove it to be as interesting and notable as that of the North. Indeed, the modern investigator is, I observe, beginning to grasp that it is not possible to understand India as a whole, in any aspect of its history, without an adequate knowledge of the part played in it by the South. This particular book deals with South India and her Muhammadan invaders¹—a period and a subject about which too much authentic detail cannot for the present be forthcoming, as so much is still required before anything like a reliable general history can be written. The volume consists of the reprint of six lectures, together with what are really five appendices on certain details, all valuable.

The first two lectures deal with the conditions of Hindu South India in and before the thirteenth century A.D., from original sources, and the last four with the Muhammadan incursions of the Dakhan and further South under the Khiljis (Prof. Krishnaswami writes both Khaljis and Khiljis) and the Tughlaks, and also with the fourteenth century Muhammadan Kingdoms in the Dakhan and South India. These are followed by a series of geographical notes of extraordinary importance, as they concern identifications of the very obscure place-names used by contemporary or early Musalmân writers and are the product of a widely-read general scholar, possessing an intimate knowledge of the archaic forms of his own language and of the geography of his own country acquired by personal travel. These notes can never be neglected by anyone examining the historical geography of the Extreme South of the Indian Peninsula. Of the Appendices, that which deals with the Travels of Ibn Batuta is a translation by Miss Ida Gunther, B.A., Lecturer in Queen Mary's College for Women, Madras, from vol. IV of the French edition of Ibn Batuta by Messrs. C. Defrémery and B. L. Sanguinetti. It is a useful appendix to such a volume as this, but it is marred by an irregular transliteration or transcription of the Arabic names of men and places. There is also an "additional special note" on the nationality of the Khiljis, who, it has been claimed, were more Afghân than Turks. I am glad to see that Professor Krishnaswami comes practically to the conclusion that they were of Turkî origin from people settled in Afghanistan. I have always personally held them to be Turkî.

Having thus generally described the book, I propose to look into the principal part of it—the Muhammadan invasions. The first point to notice is that the earliest were of the peaceful variety, owing to an enlightened policy pursued by the Hindu Rulers of both coasts to the Southward, which gave special protection to overseas traders and settlers, so that by the end of the thirteenth century A.D. flourishing Arab and Musulmân communities arose on the East Coromandel Coast from Mctupalli at the mouth of the Krishna to Kâyal at the mouth of Tâmrarni, whence the name of Ma'abar, 'the Passage' for that Coast. Kâyal became the chief port for the great trade in horses established by the celebrated Arab chief Jamâlu'ddîn of Kish, former-general of Fârs (Persia proper), known to fame as the Maliku'l-Islâm, working through his brother Takîu'ddîn 'Abdu'r Rahmân, bin Muhammædu'th-Thaibî, generally known as the Marzabân. But Ma'abar extended as an appellation as

¹ *South India and her Muhammadan Invaders*, by Prof. S. Krishnaswami Aiyangar, M.A., University of Madras. Humphrey Milford: Oxford University Press, 1921.

far round to the West (Malabar) as Kûlam (Quilon). Ma'abar was to these early Muhammadan sailors and settlers 'the Key of Hind,' from which they extended their communications further to the Eastward, sending thence an ambassador to China as early as 1297, in the person of the Fakhru'ddîn Ahmad, bin Ibrâhîmu'th-Thaibî, and so a relative of the Marzabân. When not long afterwards the notorious Malik Kâfûr swept down on Ma'abar, he found there Muhammadan settlers "half Hindus," just as were, in a sense, the Navâyats of the N.-W. Indian Coast, and the Mâpillas (Moplahs) of Malabar. Is it possible that here we have the origin of the Labbâis (Lubbays) of to-day in modern Ma'abar and Ceylon? But the interesting point here, as brought out by Professor Krishnaswami, is that Malik Kâfûr found a Musalmân settlement at Kandur = Kânnanûr near Śrīrangam, who were not of North Indian origin, in the army of Vira Ballâla ("the yellow-faced Bīr" of the Muslim chroniclers), his opponent. Taking these as the bare historical facts, it would be well worth while to explore in detail the history of the mixed Arab-Tamil inhabitants, or shall we say Musalmân families and even castes, of the Coast, from say Calicut to say Nellore, and try and ascertain how far they owe their origin to direct overseas trade settlements. However, so much were these people foreigners to the followers of Malik Kâfûr and the like from the North, that there was not much to choose between the sufferings inflicted on them and those that the "infidel" Hindus themselves had to endure.

It is necessary to bear the above facts in mind in considering the Muhammadan warlike incursions into the South. In the course of one of the frequent Court revolutions in the days of the Slave-Kings of Delhi, whom I am very pleased to find Professor Krishnaswami is not afraid to call by their right name of *Mamlûk* (I should like to see Slave-King disappear from Indian History), Jalâlu'ddîn Khiljî, a Turkî *mamlûk* of Afghanistan, succeeded to the throne at Delhi occupied by the feeble successor of the *mamlûk* Ghiyâsu'ddîn Balban. He had as nephew and son-in-law 'Alâu'ddîn Khiljî, who, according to Professor Krishnaswami, was goaded into seeking independence, owing to the irritation caused by the lofty and contemptuous ways of his wife, who never let him forget that she was Sultân Jalâlu'ddîn's daughter. In order to find ways and means for undermining the position of the Sultân, his uncle and father-in-law, he sought them in the wealth offered him in the sack of the Hindu States of the Dakhan, which adjoined the Government of Allahabad conferred on him by his trusting uncle. Gratitude towards the man who had made him fell, as the Professor remarks, before the anxiety to be even with his wife. Thus it was that the original invasion of the South from the North was more the result of accidental circumstances than of mere lust of conquest, the whole object being plunder of the safest type of victim in Muslim eyes, i.e., a Hindu kingdom.

The first objective across the mountains was Deogiri, then a wealthy Hindu State, the army of which had gone southwards under Sankar Deo, the son of the ruler, Râmachandra or Râm Deo. By dint of real military capacity combined with a series of ruses and deceptive proclamations, at which a man of 'Alâu'ddîn Khiljî's training would be an adept, he managed to surround Deogiri and defeat Sankar Deo on his return to the rescue of his father, and finally to secure what he went for, an immense ransom from the unfortunate Râmachandra.

'Alâu'ddîn was true to his racial origin and his training in the adopted country of his family, and no atrocity was too great to stand in the way of his now high ambitions. His uncle, in spite of reasonable suspicion, trusted him and was induced to visit him at the seat of his Government at Karrâ. There he was murdered. The gold acquired from Deogiri now stood 'Alâu'ddîn in good stead, and he was soon on the throne of Delhi. He was a

munificent prince, and that pleased the people and also helped to keep the burghers of the day, the Mughals of the North-West frontiers, at bay. But the real checks on them were his great personal capacity, strength of character, and energy. The situation meant also the maintenance of a great army in addition to his calculated civil munificence, and that in its turn meant a great expenditure and the necessity for a large revenue. 'Alâu'ddîn always wanted money. Incidentally, this made his reign of the highest importance to Indian History, as it obliged him to be a great administrator, both civil and military, to the benefit of India, in some respects, to the present day.

His success at Deogiri showed him what could be done in the way of acquiring wealth from the South, and his next proceedings in that direction showed that he had the political foresight to see that exacting tribute was a safer method of securing it than conquest. Râmachandra of Deogiri took advantage of 'Alâu'ddîn's early troubles with the Mughals and rebel vassal States, such as Gujarât, to cease paying his tribute. This brought the notorious renegade eunuch and military commander, Malik Kâfûr, on the scene in 'Alâu'ddîn's behalf. Malik Kâfûr soon made Râmachandra sue for terms, sent him to Delhi and secured tribute for the future. This was between 1306—1308 A.D.

'Alâu'ddîn's object being money for his civil and military establishments, he treated Râmachandra with much leniency, and the success of this policy guided him for the future. His next objective was Wârangal, now in the Nizâm's Dominions, but then the capital of Teliugâna, and his instructions to Malik Kâfûr were in effect to defeat the ruler, Rudra or Laddar Deo, frighten him thoroughly, let him remain on as a ruler and fleece him of everything possible. In 1309 Malik Kâfûr commenced a march from Delhi, *viâ* Agra to Chanderi and Hoshangâbâd, and thence over the Vindhya to Elichpûr, which, if we could get at the details, could not but prove a considerable military achievement, and after perpetrating at least one massacre *en route*, at Sarbar, he arrived before Wârangal.

It was there that Malik Kâfûr further showed himself to be a really capable commander, for he "entrenched" each of the ten divisions of his besieging army by means of a strong stockade, with the result that a night attack from the fortress failed altogether and brought Rudra Deo to terms. The "terms" were practically his entire accumulated wealth and an annual tribute.

In 1310 Malik Kâfûr returned in triumph to Delhi. His method of "entrenching" was the forerunner of Sher Shâh Sûr's entrenchments two centuries later.

Emboldened by his own and Malik Kâfûr's successes at Deogiri and Wârangal, 'Alâu'ddîn started on a further plundering expedition, aimed ultimately against Ma'abar, *i.e.*, the extreme South, with the Malik as his general, at the end of 1310. Again he executed a march showing consummate leadership, *viâ* the right bank of the Jumna to Tânkâl, Kanhun, Gurgâon, to Deogiri, where he enlisted the good offices of that now "faithful" State. This enabled Malik Kâfûr to frighten Vîra Ballâla III, Hoysala of Dwârasamudra into "coming to terms," involving practically all his property, which he had to accompany to Delhi, being himself allowed by 'Alâu'ddîn to return to his capital.

Thence an expedition was planned for Ma'abar or the extreme South itself, which had been recently under the powerful Pândya ruler from Madura, Mâravainan Kulasekara I. He had two sons, Vîra Pândya, illegitimate, and Sundara Pândya, legitimate. Vîra Pândya was much the better man of the two, but in the fratricidal struggle which took place for supremacy during the old king's lifetime, Sundara Pândya murdered their joint father,

about 1311 A.D. Soon afterwards Vira Pāṇḍya drove him out of Madura, and he is said to have sought refuge with the Delhi monarch, 'Alāu'ddīn Khiljī. More probably he joined the advancing Muslim army. Anyhow, this civil war was Malik Kāfūr's opportunity.

Still in 1310, Malik Kāfūr started for Ma'abar with his usual skill in conducting a march, Vira Pāṇḍya fleeing before him. Malik Kāfūr committed all kinds of atrocities *en route* to Madura and devastated the country in a manner still remembered after 600 years, making his *rendezvous* for a time at Kaṇṇanūr, near Śrīrangam, whence he sought and utterly destroyed the rich temple of Brahmastpuri, which Professor Krishnaswami cleverly shows to have been Chidambaram. Śrīrangam and other temples naturally suffered. At Kaṇṇanūr Malik Kāfūr found some of the local mixed Musulmāns already alluded to, whom he spared because they could repeat the *Kalīma*. Madura was found empty and sacked, and the raid continued as far as Rāmeśvaram itself. In 1311, or early in 1312, Malik Kāfūr returned with all his booty to Delhi. From that time till 1316, when 'Alāu'ddīn died, the land had peace.

In this great raid Malik Kāfūr's route is not easy to follow, owing to the almost unlimited corruption of Dravidian place-names by Muhammadan authors, but Professor Krishnaswami's identifications, actual or probable, are scholarly and admirably thorough and painstaking.

On his return to Delhi, Malik Kāfūr became all powerful under 'Alāu'ddīn Khiljī for the short and disastrous remainder of that monarch's reign, and at his death in 1316, he became so atrocious a tyrant that he was assassinated in less than two months. Then followed an unstable government in Delhi, and the Southern provinces acquired by Malik Kāfūr's generalship naturally fell away. Deogiri and Wārangal ceased to send tribute; the Keralas of Travancore and the Pāṇḍyas of Madura struggled for supremacy in Ma'abar, regardless of any garrison Malik Kāfūr may have left behind him in Madura, while Dwārasamudra was actually rebuilt by the Hoysalas. Apparently all that Malik Kāfūr had achieved was only a raid of no political effect.

The real successor of 'Alāu'ddīn Khiljī was Kutbu'ddīn Mubārak Shāh, who began well but soon neglected his administration and, just as 'Alāu'ddīn had done before him, put himself into the hands of another renegade eunuch slave, this time from Gujarāt, to whom he gave the title of Khusrū Khān and raised him to the office of *wazīr* with, in the confusing Muhammadan fashion, the title of Malik Naib Kāfūr. This new Imperial favourite largely repeated the acts of Malik Kāfūr till his own assassination in 1320, and so it will be convenient to distinguish him, as I have done before, by the title of Malik Khusrū.

In the circumstances, it became necessary to reconquer the South. In 1318 Mubārak Shāh marched on Deogiri, defeated Harapāla Deo, then ruler, and flayed him alive. This was the first real conquest in the Dakhan, ending in the appointment of Musalmān feudatories in Mahārāshtra. It seems that the real fighting commander of this expedition was Malik Khusrū, and after it he was sent to invest Rudra Deo in Wārangal. Here he faithfully repeated the proceedings of Malik Kāfūr, plundered the Chief of everything, and left him to rule as a vassal of Delhi. He had then to return to Delhi to help to put down rebellion, which he did with such savagery and so much for his own advancement that one Muhammadan chronicler dubbed him "a low designing schemer."

Returning to the South, he repeated Malik Kāfūr's raid in Ma'abar without much opposition, showing his want of scruple in one instance by robbing Takī Khān, a rich Sunni (? Labbāi) and putting him to death. Returning once more to Delhi, he requited his master's infatuation for him by assassinating him, with the help of his own countrymen from Gujarāt, and proclaiming himself Sultān with the title of Nāsiru'ddīn Shāh. Malik Khusrū's next

policy was to destroy the hereditary nobles and replace them by promoted slaves and renegade Hindus, which has led some Musalmân historians to say that he was aiming at a movement to restore Hindus to power. As this has also been said of a movement later on in the days of Muhammad Tughlak (and no wonder), the proceedings of Malik Khusrû need examination in greater detail than they have yet received.

All this led naturally to rebellion, and it found a leader in Ghâzî Malik, Governor of Deobalpur, whose son, Muhammad Fakhru'ddîn Jûnâ (afterwards known as Ulugh Khân and later as the notorious Muhammad Tughlak), Malik Khusrû had tried in vain to conciliate by high office. The end of Malik Khusrû came in two months, and in 1320 Ghâzî Malik became Sultân Ghyâsu'ddîn Tughlak Shâh by general acclamation, and thus founded yet another Dynasty at Delhi.

Ghyâsu'ddîn Tughlak was a wise and generous ruler, but all that we are at present concerned with is that Deogiri remained loyal to Delhi, while at Wârangal Rudra Deo again became restive, and Ulugh Khân (*i.e.*, the later Muhammad Tughlak) was sent to reduce him to obedience. This was achieved with difficulty, owing probably to dissension in the Muslim camp, and Rudra Deo and his family found their way to Delhi. The fall of Wârangal naturally led to the overrunning of Telingâna.

The rest of Ghyâsu'ddîn's short reign was occupied by repelling Mughal inroads and an invasion of Bengal, which was overrun and handed over to a representative of the Balban Dynasty of Bengal (1282—1388). On his victorious return, Ghyâsu'ddîn Tughlak was killed outside Delhi by the fall of a specially constructed pavilion during a feast. The catastrophe may or may not have been accidental. Anyhow, Ulugh Khân, who had been left behind as administrator at Delhi during the expedition, profited by it, and in 1325 ascended the Delhi throne as Sultân Abû'l-Mujâhid Muhammad Shâh, usually known as Muhammad Tughlak.

Professor Krishnaswami is gentle in his description of this great monarch, but I have not yet read anything to upset a brief summary of him which I had occasion to write some years ago: "A remarkably capable but unbalanced ruler, who reigned for 26 years (1325—1351) and has been described as 'learned, merciless, religious and mad.' He certainly tried some wonderful schemes. Without any adequate cause and for a time only, he moved the capital 700 miles from Delhi to Deogiri in the Dakhan, to which he gave the name of Daulatâbâd, forcing the people of Delhi to migrate first there and then back again. He grossly misapplied his armies on vainglorious expeditions, where they suffered unspeakable hardships and accomplished nothing. He tried to oblige his people to accept copper and brass tokens as silver coins, and issued a stamped leather note currency without any bullion support behind it—schemes which not even his vengeance when opposed could make to succeed. He committed wholesale massacre on altogether insufficient provocation, and finally he ruined his kingdom. All the while his own opinion of himself was that he was a perfectly just ruler and that 'to obey him was to obey God.' But the most remarkable thing about him is that he died undisturbed in his bed, from natural disease, thus proving the awe in which his mad abilities kept those about him. This man of contradictions was eloquent of speech, sober and moral in his life, an accomplished scholar in Arabic, Persian and Greek philosophy, and learning of all kinds, and conspicuously brave." *Inter alia* he created within India the largest Empire, nominally at least, ever achieved by a Muhammadan ruler dividing it into twenty-three provinces stretching from Sunârgâon (Dacca) to Gujarât and from Lahor to Ma'abar. It was, however, an Empire always in rebellion, and the life of people of mark must under him have often been a nightmare.

Muhammad Tughlak had the enterprise and spirit to create this huge Empire, but owing to faults of character he could not maintain it. As regards the South, his efforts to do so entailed expeditions to Wārangal and Dwārasamudra in 1327-1328, the campaign involving a *jauhar*, or holocaust of women, at Kampti on the Tungabhadra. Like other provinces, Ma'abar rebelled, but as had happened already in Bengal, the army did not return, and its commander, Jalālu'ddīn Ahsan Khān set up there independently about 1335. Then, in 1328, came successively the cruel move from Delhi to Deogiri, an abortive attempt to reduce Ma'abar to obedience, and the move back from Deogiri to Delhi. Revolts, Hindu and Musalmān, were chronic, including Hindu at Wārangal and Musalmān at Kulbarga in 1343, which were put down. Having stirred up rebellion in Gujarāt by an "enquiry into arrears of revenue" and having put it down savagely, Muhammad Tughlak proceeded, about 1346, to do the same thing in Deogiri, and while there yet another revolt was raised in Gujarāt by a *mamlūk* named Taghi, who was however easily defeated, though only scotched and able to give yet more trouble. The consequent absence of Muhammad Tughlak in Gujarāt, practically to the remainder of his astonishing career, meant another rebellion, this time under Hasan Khangū, which was successful, Hasan Khangū becoming Sultan in Deogiri about 1348. Three years of wanderings in Gujarāt and the western frontier brought Muhammad Tughlak's strenuous career to an end in 1351 from "fever", the account of which reads like fish-poisoning.

His ill-conduct of Imperial affairs had reduced his Empire practically to India north of the Vindhyas, *minus* Bengal. Deogiri, that is the Dakhan, had defied him for at least three years; Wārangal's allegiance was only in name; the Hoysalas of Devārasamudra could hardly be called his vassals, and Ma'abar had been actually independent for at least fifteen years. A careful chronology of this last fact is to be found at pp. 152-4 of Professor Krishnaswami's book.

In this way, from the days of 'Alāu'ddīn Khilji to those of Muhammad Tughlak, the first half of the fourteenth century A.D. was a time of continuous strife between Muslim and Hindu in the South of India. There was invasion after invasion, rebellion after rebellion, conquest and reconquest at times of practically the whole South, and at times of unfortunate portions of it. In the end all the obvious signs that remained of the struggle was the establishment of locally independent Muslim rule in Ma'abar for a while (till 1378); and thus the Muhammadan incursions took the form apparently of mere raids. But in the conditions of mediæval life it was not possible for large armies to march to and fro through all the South, year after year, for something like half a century, without leaving pockets of themselves about the country, and the descendants of these must have remained on here and there, just as in the case of the Huns, Greeks, Parthians, Baktrians, and a host of other immigrant invaders of far earlier date in the North-West, and of the Shans, Mônans and other Indo-Chinese races in the North-East. It would be of interest, by dint of examination into local family histories, to ascertain how far the Khilji and Tughlak incursions still affect the population in places, for we have thus in the true South three sources of Muslim population: Firstly, the peaceful penetration of Arab and quasi-Arab mercantile invaders producing an old mixed trading population—Māpillas, Navāyats, Labbāis, and the like; secondly, the remnants of the military raiders of the fourteenth century; lastly, the followers of the Dakhani Muhammadan rulers who constantly raided to the southward, and finally overthrew the Vijayanagar Empire, a Hindu Empire that rose out of the chaos ensuing on the death of Muhammad Tughlak, in the middle of the seventeenth century. Even an enquiry into the history of the Dakhani idiom of Urdū might throw light on the influence of Islām on the Southern Dravidian population and *vice versa*.

The rulers of Ma'abar from Madura carried on a precarious and sanguinary struggle with the surrounding Hindus, cut off from the Dakhan by the power of Vijayanagar ; but the Southern Dakhan itself fell first under the rule of the Bâhmanis of Kulbarga, and then under the Five Shâhî Dynasties of Berâr, Ahmadnagar, Bijâpur, Bidar and Golkonḍâ. There was always a quarrel between these States and their Hindu neighbours further South.

The story, briefly told, reads like one horrible tale of war, rapine, murder and atrocious cruelty. This is, however, a misleading view, and I will repeat here what I have had occasion to say of another part of India during the same centuries : " Though, on the whole, the years of the thirteenth to the seventeenth centuries make up a period of perpetual war with indiscriminate merciless fighting, it does not follow that individual towns and villages saw a great deal of it. What happened from the personal point of view of the ordinary citizen who lived under it was much this. He and his were left alone to do largely as they pleased socially, with recurring intervals, not necessarily close together, of sheer nightmare, times of overwhelming horror, which they regarded much in the light of the epidemics and famines to which they were also always liable. As each bad period passed by, life recovered its ordinary routine more or less completely. Sometimes, of course, there was no recovery, and what was left of the villages and towns departed miserably elsewhere, but this was by no means commonly the case." In the South, as elsewhere, Hindu and Muhammadan have had to find a *modus vivendi* in respect of each other. How the admixture originally came about, Professor Krishnaswami's researches admirably illustrate, and show the way to a more complete investigation.

THE VELVI-KUDI PLATES AND THE SANGHAM AGE.

By K. G. SANKARA.

IN 1893 Mr. Vênkayya intended to publish these plates (*I.A.*, XXII, 64), but produced only a summary in 1908 (*A.R.E.*, Madras, 1908, pp. 62-9). As this is in places misleading, I here give a full and correct account, from a photo-copy that I got for study.

The ten plates have 155 lines, *ll.* 1—30 and 142—150 being in Sanskrit verses, and *ll.* 30—141 and 151—155 in Tamil prose and verse, and not, as Mr. Vênkayya says, in ornate prose with frequent alliteration. The Sanskrit words are in Grantha, and the Tamil ones in Vattêluttu script, older than that of the Madras Museum plates of the same king's seventeenth year.

The plates invoke Śiva (*ll.* 1, 2), and then mention the *Pândyavamsa* with its priest Agastya, who stopped the growing Vindhya and drank up the ocean (*ll.* 3—5). Pândya, the sole survivor of the close of the Kalpa, was born as Budha to protect the world (*ll.* 5—7). This refers to the Pândya claim to lunar origin. His son was Purûravâs who destroyed the *daityas* (*l.* 8).

Of his family came Mâravarman, who ruled *long*, performed *tulâ-bhâra* (weighing against gold), and *amṛta-garbha* (passing through a golden cow), and favoured learned men (*ll.* 12—15). His son was famed (*prâṭah*) as firm in battle (*raṇa-dhîra*) (*l.* 16). His son was named (*abhidhah*) Mâravarman, the lord of Bhû-sundarî. *Sundarî* indicates that this was the queen's name, and not the earth (*ll.* 17—19). Râjasimha (lion of kings) forced Pallava-malla to retreat (*ll.* 19—22), performed *kanaka-garbha* and *tulâbhâra* (*l.* 23), and married the daughter of the Maṭava king. The Maṭavas=Mazhavas were a South Indian tribe defeated by Simharishnu (*S.I.I.*, II, 356) and Vinayâditya (*I.A.*, VII, 303). From her was born the king named Jaṭila (*Tam. Sadaiyan*) (*ll.* 24—26). He is also called Parântaka, the son of Râjasimha, and was ruling when this *prâṣasti* was composed by Varodaya Bhaṭṭa (*ll.* 29—31).

Then comes the Tamil passage. The Pândya *adhirâja pal-yâga* (of many sacrifices)-*mudu* (old)-Kuḍumi-*pêru-vazhudi* (the great king) granted Velvikudi (sacrificial village) in Pâhanûr-*kâṇam* to Narr-kôṭran of Kôrrkai to complete his sacrifice (ll. 32—38). This king is mentioned in the Sangham works. The *Maduraik-kânci* (ll. 759—760) refers to his many sacrifices, makes him an ancestor of its hero Talai-âlankânam Nêḍun-cêzhiyan, and calls him *pal-sâlai* (sacrificial halls)-*mudu*-Kuḍumi. *Purra-nânûrru* dedicates to him 5 lyrics. Kâri-kizhâr mentions him as a Śaiva (P.V., 6). Nêṭṭimaiyâr refers to his many halls (*ib.*, 9, 12 and 15), and to the Pahrûḷi river (Parrâḷi in Nânjinâḍ) dug by his ancestor Nêḍiyon, *i.e.*, *vaḍimb-alamba ninrra* (of feet washed by the sea)-Pândya (*ib.*, and comm.). Nêḍum-palliyattanâr mentions him as king Kuḍumi (*ib.*, 64). The foot-notes to these lyrics, by their original editor, call him *pal-yâga-sâlai-mudu*-Kuḍumi-*pêru-vazhudi*.

Then the village was in *long* (*nîḍu*) enjoyment. Since a gift is completed by handing over the deed, length of possession is not needed, only acceptance. So the mention of long enjoyment is a statement of fact, not a proof of possession. Then the Pândyas were displaced by the Kaḷabhra, who was later expelled by *adhirâja* Kaḍunkon (ll. 39—41, 45). The Kaḷabhra occupation was thus only short-lived.

The Kaḷabhras were so prominent from c. 600 to c. 750 A.D., that Simhavishṇu (S.I.I., II, 356), Narasiṃha I (*ib.* I, 152), Vikramâdityas I and II (I.A., IX, 129; E.I., V, 204), and Vinayâditya (I.A., VII, 303) claim victories over them. But Varâha-mihira (c. 500 A.D.) omits them among South Indian tribes. So they were prominent only after c. 500 A.D.

The Sangham works nowhere refer to the Kaḷabhras or their Pândya occupation. So they date before c. 600 or after 750 A.D. But the larger Cinnamanûr plates make the hero of Talai-âlan-kânam, (a later Pândya of the Sangham age), and the founder of the Madura Sangham, *ancestors* of the hero of Nêlveli (ll. 101—106). The present plates make the latter the 3rd ancestor of its donor (*acc.* 767 A.D.); and none of *his* 3 ancestors, the earliest of whom was Kaḍunkon, is called the hero of Talai-âlankânam, though their exploits are related in detail. Neither was the battle petty, as it is proudly mentioned in Sangham works and the Cinnamanûr plates. The Sangham age must hence date not after 750, but before $767 - 27 \times (3 + 3) = c. 600$ A.D.

The average for a generation is here assumed to be 27 years, as it is the interval between successive generations of fathers and sons, *i.e.*, the age when the eldest son is born to an Indian king; unless the known dates indicate a different average for any group of kings.

The passage relating to the Kaḷabhra occupation runs thus:—*nîḍu bhukti tu(y)tta pin, aḷav-ariya adhi-râjarai ahalai nîkki ahal-iḍattai | Kaḷabhran ênnum kali araiśan kaikkônḍadanai irrakkiya pin, paḍu-kalan=muḷaitta | parudi pol Pândyâdhi-râjan vēḷirraṭṭu, . . . vîṭri-rundu. . . . kovum kurrumbum pāv-uḷan murukki. . . . | Kaḍunkon* (39—45).

We can split up *kaikkônḍadanai* into *kaikkônḍu* referring to the Kaḷabhra's act, and *adanai* referring to the grant. But a relative pronoun must be construed with the next previous noun, here *ahal-iḍattai*. Thus construed, the passage becomes meaningless. If *adanai irrakkiyapin* means 'after the grant was resumed', we have no word to express the recovery of the kingdom, before Kaḍunkon can rule. So *irrakkiya* must mean such recovery.

Thus, if we split up *kaikkônḍadanai*, we must construe *kaikkônḍu* with Kaḷabhran, and *adanai irrakkiyapin* with Kaḍunkon, when both should, by grammar, have a common subject. So *kaikkônḍadanai* must be one word. It then refers to the Kaḷabhra occupation and Kaḍunkon's recovery, as *irrakkiya* means 'to lower,' *i.e.*, undo another's act.

If the kingdom was recovered by an ancestor of Kaḍunkon, he must have been the next one, as nothing indicates other kings in the interval. But then we have no subject for *irrokīya* and nothing hints at an implied one. The context also indicates that Kaḍunkon himself recovered the kingdom, as, before his accession, he appeared like the sun springing from the ocean. The Pāṇdyas seem to have been submerged by a disaster, from which Kaḍunkon was the first to spring up. The phrase 'appearing like the sun' is used later on (l. 52) in prefacing Mārravarman's exploits. The analogy shows that Kaḍunkon also became prominent by recovering the kingdom. *Velirrpattū* is used in the same sense later on (ll. 49, 52, 88—9). So Kaḍunkon himself recovered the kingdom; and the Kaḷabhra occupation was the act only of a single Kaḷabhra, himself expelled by Kaḍunkon (ll. 40, 111—2).

Then *ahaliḷattai*, literally, means 'wide space'. The Kaḷabhra first annexed it; then it was recovered by Kaḍunkon. Only after accession, the latter subdued other kings and chiefs. So the *ahaliḷam*, that he recovered before accession, can only be the Pāṇḍya country.

Adhirājarai can mean that the Kaḷabhra deprived others, besides the Pāṇḍya, of their lands. But *ahaliḷam* means only the Pāṇḍya kingdom. So, why should the victories of an alien over other aliens be mentioned in a Pāṇḍya grant? *Adhirājarai* cannot hence include other kings. Neither can we construe both *nīkki* and *irrakkiyapin* with Kaḍunkon, as he defeated other kings only after accession. Also, such conquest must come after the recovery of his own kingdom. *Adhirājarai* thus applies only to Pāṇḍyas. Elsewhere also (ll. 32, 41, 47), it applies only to Pāṇḍyas.

But, in the latter lines, it is in the singular, here in the plural. So the plural means at least 2 Pāṇḍyas. But, since there was only one Kaḷabhra, they must all be referred to his time, if they were all displaced. But there was no need to displace them all, unless the kingdom had been recovered by a succeeding king, of which there is no indication. So only the last of them was displaced; but, as he came of a long line of *adhirājas*, they may all be said to have been displaced through him.

Lastly, *aḷavariya* means 'countless', not 'incomparable', as nothing in it expresses comparison, or greatness. *Aḷavariya adhirājarai*, hence, means 'countless Pāṇḍyas through their last representative.' But there may have been many *adhirājas* both before and after Kuḍumi. These plates thus fix the close of the Sangham age as not later than c. 600 A.C.

Mr. Vēnkayya equates the Kaḷabhra with the Karṇāṭa of the *Mūrtināyanār-purāṇam*, who occupied Madura. But the Kaḷabhra was himself expelled, while the Karṇāṭa died in possession and issueless. The Kaḷabhra was succeeded by the Pāṇḍya, but the Karṇāṭa by Mūrti for want of a Pāṇḍya, and the Kaḷabhras and Karṇāṭas were distinct tribes. Mr. Vēnkayya says Nēdun-cēzhiyan expelled the Kaḷabhras; but the plates ascribe the feat to Kaḍunkon.

His son was the earth's crest-gem (*avanī-cūḷā-maṇi*) Mārravarman (ll. 46—48). His son was the Cera (perhaps through his mother) Śendan (ll. 48—51). Mr. Vēnkayya, not seeing that Śendan is parted from Śēzhiyan by Vānavan and *śēnkol*, takes Śēzhiyan Śendan as the king's name.

Then comes a king, whom Mr. Vēnkayya calls Śendan's son. But the plates, which always state the relationships, have here only *avarṛku paḻhipp-inṛri*, *vazhit-tonṛri* (l. 51). So he was only a descendant of Śendan. As other kings are not indicated between them, he directly followed Śendan. He was not Śendan's son's son, as it is nowhere so stated, the Velūrpālaiyam plates saying that Narasimha II was the *putra-sūnu* of Paramēśvara I (*JRAS.*, 1911, p. 522), and the larger Cinnamanūr plates saying that Rājasimha I was the *pauṭra* of Parāṅkuśa (l. 107). So Śendan's successor was his daughter's son, as the terms *without*

discredit indicate birth in another family. He is called Arikesari (lion to foes), Asamasama (condescending), Mârravarman (l. 62). M. Vênkayya says that he appeared on the Udayagiri. But the plates say only that he came out like the sun that rests on the middle of the Udayagiri (ll. 51-52).

He won at Pâzhi and Nêlveli (ll. 53-54). In the latter. Mr. Vênkayya says he fought with Vilveli. Mr. K. V. Subrahmanya Ayyar thinks that the Pallavas from Vilveli (Villivalam in Chingleput district) over-ran the Pândyas (*Hist. Sketches, Anc. Dekh.*, pp. 123-5). But why should the plates, which claim victories over Coḷas, Ceras and even Kurrunâḍas, mention the Pallavas only through a village? The passage only means "the army fenced in (*veli*) by bowmen (*vil*)" (l. 53), and all guesses as to whether Vilveli was a person or place are needless.

Then Mârta destroyed the Kurrunâḍas, won Sênnilam, many times defeated the Keraḷa "who ruled the whole earth unrivalled" and thus was then most powerful in S. India, captured the capital Kozhi (Urraiyûr) of the Coḷas, and performed many *hiranya-garbhās* and *tulâbhâras* (ll. 55-60).

His son was king (*ko*) Śaḍaiyan, who won at Marudûr, destroyed the Ây-vel, and at the great city Mangala-pura (Mangalore), the Mahâratha, and—was called Cera, Coḷa was Kârṇâṭa and Kôngas' king (ll. 62-70).

The Ây-vel are the Ây kings of Nânjinâḍ in S. Travancore, whose inscriptions were published in *Trav. Arch. Ser.* Mr. Vênkayya read the name as Âya-Vel, but, riming with *ey* (ll. 63-4) and *tivây* (ll. 94-5), it must be Ây-vel, and even the dot is seen in the latter lines, though its use is not uniform in these plates. The Sangham works also have only Ây-Andiran and Ây-Êyinan, and we have a place Âykkudi, even to-day.

Mahâratha indicates a Câlukya, but Dr. Dubreuil's equation with Vikramâditya I (*Pallavas*, p. 68) is untenable, as the latter fought at Pêraḷalanallûr, not Mangalapura. His guesses as to the relations of the Pallava and Pândya Râjasimhas are based *only* on their identical titles.

Śaḍaiyan's son was Mârta (ll. 71, 88). Mr. Vênkayya, mistaking *mârta* Mârta (Mârta of the horse-chariot), thought the name was Ter-Mârta. But this ignores *mân*. He also construes *mârta* Varodayan (Irraiyanâr: *Ahappôru!*—st. 31, 42, 59, 169, 298, 325) to hint at a king Ter-Varodayan, when Varodayan was only a title of Nêḍu-mârta.

This Mârta fought at Nêḍuvayal, Kurrumâḍai, Manni-kuricci, Tiru-mangai, Pūvalûr, Kôḍum-pāḷûr, the Pallava at Kuzhumbûr, and at Pêriyalûr, crossed the Kâveri and subdued Kôngu of the Mazhavas (Mazha-kôngam) (ll. 72-81). At Pândik-Kôḍumuḍi, he worshipped Paṣupati (l. 82) with gold-heaps and gems (l. 83). He then allied himself by marriage (*sambandham*) with Gangâ-râja of the Kôngas (Kôngaravan) (ll. 83-4). This refers to his marrying the Mazhava princess. So she was the daughter of Ganga-râja, the Mazhava king of the Kôngas. Then he performed countless *gosahasras* (1000 cows), *hiranyagarbhās* and *tulâbhâras*, and renewed the walls named (*énnum*) Kūḍal, Vanci, and Kozhi (ll. 84-7).

Mr. Vênkayya, ignoring *énnum*, mistook the walls for those of the Pândya, Coḷa and Cera capitals. But all the walls might have been in Madura and only named after the other capitals in memory of a previous conquest of the Coḷas and Ceras. But *renewed* indicates the conquest as this Mârta's grandfather's. It is more natural for a king to have renewed his own and not other's walls.

His son Nēdun-jadaiyan defeated the Pallava at Pēnnāhaḍam, south of the Kāveri, and the Āy-vel and the Kurrumbas at Nāṭṭukurrumbu (*ll.* 88, 92—96). His titles were Tēnna-vānava (Pāndya and Cera), Śrīvara (lord of fortune), Śrīmanohara (charming with fortune), Śinacozha (angry Coḷa), Punap-pūzhiya (of dry-land Ceras), Vītakalmasha (rid of impurities), Vinaya-vīsruta (famed for humility), Vikrama-pāruga (of unbounded valour), Vīra-puroga (first of heroes), Marut-bala (strong as wind), Mānya-sāsana (of honoured commands), Manūpama (like to Manu), Mardita-vīra (of trampled heroes), Giri-sthira (mountain-firm), Gīti-kinnara (a centaur in song), Kṛp-ālaya (home of mercy), Kṛt-āpadāna (of finished works), Kalip-pahai (foe of Kali), Kanṭaka-nishṭhura (merciless to the evil-minded), Kārya-dakṣhiṇa (skilled in works), Kārmuka-Pārtha (Arjuna-like bowman), Parāntaka (destroyer of foes), Paṇḍita-vatsala (patron of learned men), Pari-pūrṇa (contented), Pāpa-bhīru (fearing sin), Guṇa-grāhya (appreciating merit), Gūḍh-anirṇaya (secret in counsel) (*ll.* 97—102).

In his 3rd year, a citizen, fallen in fortune (*pāḍu-nīttavar*), and not, as Mr. Vēnkayya says, the palace-singer, of Madura complained to the king that Velvikudi, granted to his family by the king's ancestor Paramēśvara Kuḍumi, had been resumed by the Kalabhras. The king smiled unbelieving (*nanrru-nanrr-ēnrru*), and asked him to prove the old grant by evidence (*nāṭṭāl*). When it was so proved, the king renewed the grant to Kāmak-kāni Iśvaran Śingan of Kōrrkai (*ll.* 103—118, 134).

Mr. L. D. Svāmikaṇṇu Pillai is puzzled that the king agreed to accept as evidence of the grant the *oral* testimony of the villagers, though more than 7 generations had passed, since possession was lost. But the plates only say that the king wanted the grant to be proved by *evidence*, as *nāṭṭāl* is from *nāṭṭu*, 'to establish', and that it was so proved. So the gift must have been proved by producing the deed, which remained, even after possession was lost.

The Ājnapti, *i.e.*, the executor, who is usually the grantor himself, or, if it is a king's grant, the *yuvārāja*, *uttara-mantri* (premier), or district officer, is here Mārran's son Kāri, of Vaidya caste, and title *Mūvenda-mangalap-per-araiyan*, a descendant of the Karavandapura (Kalakkāḍ in Tinneveli District) family (*Karavanda-purattavar-kulat-tonrral*), settled there by the previous king (*pūrva-rāja*) Mārran for services in defeating Gangarāja of the Kōngas and, at Vēnbai, the Vallabha, and negotiating Mārran's marriage with Gangarāja's daughter (*ll.* 126—9, 132—3). The title Vallabha is normal to the Cāḷukyas, and, as this battle was fought about the time of Vikramāditya II's invasion in *c.* 740 A.D., and he claims conquest of the Pāndyas also in that invasion [*E.I.*, IX, 205], this Vallabha must be Vikramāditya II. The Kōngas' king here mentioned as having married Gangarāja's daughter must be Māran, who won that title by conquest.

Then a donee Mūrti Éyinan (*l.* 136), and Śāttan Śāttan, or, Senāpati Enādi, who wrote this Tamil eulogy are mentioned (*ll.* 139—40). Next follow Sanskrit verses, which mention the Ājnapti as Mangala-rāja (the auspicious chief), Madhura-tara (of sweet manners), Śāstra-ṛit (versed in sciences), Kavi (poet), Vāgmī (eloquent), a Vaidya, resident of Karavandapura, and the usual imprecatory stanzas about the making, protecting, and violating of grants, cited from *Vaiṣṇava-dharma* (perhaps the *Vishṇu dharmottara-purāna*, (*ll.* 141—50). The engraver was Yuddha Kesari (lion in battle) Pērum-panai-kāran (the great drummer). (*l.* 155.)

I now fix the date of these plates. The last kings of the Sanskrit and Tamil parts are identical, as they were both sons of the Mārran, who married the Maḷava princess, named Jaṭila and Parāntaka, and ruling at the time of the grant. The Ājnapti was the builder

of the Ānaimalai temple [*E.I.*, VIII, 317—21], as both were Kâris, sons of Mârran, Vaidyas, residents of Karavandapura or Kalakkudi, Madhurataras, Kavis, and Mûvenda-mangalap-per-araiyans. So they served the same king Mârranjadaiyan (*Ānaimalai Insc.*, Tam. part), named Jaṭila (*Velvikudi plates*, Skt. part), and Parāntaka (*Ānaimalai Insc.* Skt. part). So the king's name was Jaṭila Parāntaka, and *nēdum* in Nēdunjadaiyan is only an epithet.

The Sanskrit part of the Ānaimalai inscription says that Mârran-Kâri built the rock-temple to Viṣṇu (Narasimha) as the man-lion, and consecrated the image (*kṛta-pratiṣṭhah*) on a Pūshan day (Sunday and Revati) of Kārttika in Kali 3871 expired=4th Nov. 770 A.D., and gave grants to Brāhmaṇas, as usual on such occasions. But, says the Tamil part, he died before he could perform *nirṭaḷittal*, and so his younger brother Mârran Ēyinan, who succeeded him as *uttara-mantri*, built the outer hall and performed the ceremony. This Ēyinan had the title Pāṇḍi-mangala-vikai-araiyan. Mr. G. Vēnckā Rao thought *nirṭaḷittal* was the consecration ceremony. But it had been performed by Kâri himself. Mr. T. A. Gopinātha Rao read the word as *nirattalittu* to mean "completed the outworks and gifted them." But then we should have *nirappi*, not *nirattu*, as *niratti* can only mean 'levelled,' never 'completed.' Even *nirappi* means 'filled,' not 'completed'. The vowel also in *nī* is long. So we must read *nirṭaḷittal*, i.e., *samprokṣhaṇa* (Skt.)='sprinkling'. The omission of the dot is not unusual. Mr. Rao objects that we should then have *tēḷittal*, not *taḷittal*. But *taḷitta* is used for 'sprinkling' in *Ainkurru-nūrru* (l. 328). So the ceremony was again performed to consecrate the outworks, which took time to complete.

Mârran-Kâri, thus, died in a month or two of the image-consecration and before the outworks were completed, i.e., about the close of 770 A.D. The Velvikudi plates, of which he was Ājnapti, must date before this event. In Parāntaka's third year, Mârran-Kâri was *uttaramantri*, as he was chosen Ājnapti. Early in 771 A.D., he was succeeded by his brother Mârran Ēyinan. But, in the sixth year, the *mahā-sāmanta* (great feudatory) was the Vaidya Śāttan Gaṇapati Pāṇḍi-amṛta-mangala-araiyan of Karavandapura (*I.A.*, XXII, 67). As the title *mahā-sāmanta* was applied only to the premier (cf. its application to Aṁśuvarman) (*I.A.*, IX, 163—94. Nos. 5 and 6; S. Levi: *Nepāl*, III, Nos. 9, 12—5), Śāttan Gaṇapati seems to have displaced Mârran Ēyinan. Allowing the latter at least 2 years, the close of the third year falls in 770 A.D., and the king's accession dates 767 A.D.

I now discuss the sixth year inscription referred to. Mr. Vēnkayya took the *Nakkan-kōṭri*, builder of the temples to Durgā and Jyeshthā, for the wife of Śāttan Gaṇapati. Mr. Gopinātha Rao objects that the plural *avarṛku* makes her the queen. Here, he confuses the plural *avarṛku* (*avar+ku*) with the singular *avarṛku* (*avan+ku*), and the king also is mentioned only in the singular (cf. *Ṣaḍaiyarṛku* and *avarṛku*). So Nakkan-kōṭri was the wife, not of the king, mentioned early, but of Śāttan Gaṇapati, mentioned just before. If she were a queen, her usual titles should have been mentioned. It is also more natural for a wife than the queen to add her gifts to the temple and tank that Gaṇapati had repaired; and if the queen were the donor, she should have been mentioned before the *mahā-sāmanta*. So Nakkan-kōṭri was the wife of Śāttan Gaṇapati.

Mr. Vēnkayya equates Mârran-Kâri and Madhura-kavi *ālvār*. But the latter was a Brāhmaṇ of Tiruk-koḷūr, while the former was a Vaidya and descendant of a family settled in Karavandapura by the previous king. So it cannot be argued that the *ālvār*, though born at Tiruk-koḷūr, lived at Karavandapura, after entering the Pāṇḍya service. Besides, he toured in N. India till he first met Nammālvār after the latter's sixteenth year. So Nammālvār was not named after Madhura-kavi's son; and Nammālvār had been named long

before he met Madhurakavi. Mr. Gopinātha Rao makes Mārran-Kāri the father of Nammālvār=Kāri-Mārran. But Mārran-Kāri's father was Mārran, while Nammālvār's father's father was Pōrrkāri; and Nammālvār was a Velāṭa of Kuruhūr, not a Vaidya of Kalakkād. As the Ānaimalai temple had to be completed by Mārran-Kāri's younger brother, perhaps he had no son. If Nammālvār had been Mārran-Kāri's son, he would not have omitted to sing his father's Ānaimalai temple, when he sings the Tiru-Mohūr temple hard by (*Tiruvāy-mōzhi*, X. i).

Mr. Vēnkayya says that Tirumangai-ālvār came a decade or two after Nammālvār. But Tirumangai, who mentions Vairamegha (a title of Rāshtrakūṭa Dantidurga, who defeated the captor of Kānci before 754 A.D.) (*E.C.*, Gb. 61, XI, Tk.: *E.I.*, IX, No. 4) as being bowed down to (*vaṇangum*) by the Tōṇḍai king of Kānci, and as having besieged (*tan vali śūzhnda*) Kānci (*Pēriya-tiru-mōzhi*, II. viii, 10), wrote before 754 A.D., as Dantidurga was followed soon after by his uncle Kṛṣṇa I; while Nammālvār sings about Śrī-vara-mangalam (*Tiruvāy-mōzhi*, V. vii), the name given to Velankuḍi by Jaṭila Parāntaka, when granting it to Sujjāta-bhaṭṭa in his seventeenth year=783 A.D. (*I.A.*, XXII. 71), and so wrote at least thirty years after Tirumangai.

THE MAHISHMATI OF KARTAVIRYA.

By KANAIYALAL M. MUNSHI, B.A., LL.B.

DIFFERENT scholars have claimed different places as being the site of the ancient capital of the Haihaya king Arjuna, Kārtavīrya, but no final and incontrovertible conclusion has been reached yet. It will therefore be useful to suggest a few considerations in support of the view which has been put forward by Śirisha Chandra Vidyārṇava in his appendix to the English translation of the *Matsya Purāṇa* published by the Panini Office.¹ According to that view the Māhishmati of Kārtavīrya was situated at the place where now stands the town of Broach (Bhrigu-Kachha) in Gujarat.

It is easy to ascertain the characteristics of this Māhishmati, originally a capital of Nāga, son of Karkotaka. Kārtavīrya captured it and founded Māhishmati.² It is admitted by all authorities that this city stood on the Narmadā. In referring to it all authorities further agree in indicating its proximity to the sea: and in distinctly mentioning that the tidal waves of the sea came right up to the city and that it was a base for naval power.³ "When he (Kārtavīrya) agitated the waters of the river in his gambols, the Narmadā trembling with fear at his sight and becoming highly astonished surrendered herself to him. He alone with his thousand arms swelled it by putting the water of the sea into it; and increased it as it increases in the monsoon. And the ocean being thus agitated by his thousand arms became subdued by him, and he extended his seapower so that the residents in the Pātāla became inoffensive and quiet."

Somehow this peculiarity appears to have been lost sight of by those who have tried to locate this city; but it is so clearly given in the *Purāṇas* that it admits of no doubt on this point.

1 Published by Sudhindra Nath Vasu, Panini Office, Bahadurganj, Allahabad.

2 *Matsya P.*, XLIII, 29-30; *Vāyu P.*, XXXII, 26; *Harivaṃśa I.*, XXXIII, 28.

3 *Ibid.*, XLIII, 31; *ibid.*, XXXII, 28; *ibid.*, XXXII, 28.

None of the cities on the Narmadâ which have been heretofore identified as Mâhishmatî stands where the tidal waves could conceivably have reached. The only place on the Narmadâ which could have been possibly described in this manner must have stood somewhere near the site of the present city of Broach, which according to Hieun-Tsang stood very near the sea in his time.⁴

Being the capital of Kârtavîrya's kingdom it must have occupied an important position in the portion of the country over which he held sway. Kârtavîrya is called the lord of Anûpa.⁵

Anûpa literally means a place near the sea or a marshy place, and was applied to various tracts near the sea.⁶ In the *Mahâbhârata* times the word Anûpa was applied to a kingdom apparently insignificant, on the west coast.⁷ It also appears that Surâshtra, Anûpa and Ânarta were contiguous countries and that Anûpa lay to the south of Surâshtra.⁸

These references show that the only portion which could be called Anûpa and which could have a capital situate on the Narmadâ must be the portion of Gujarât between the Mahî and the Taptî.

The extent of Kârtavîrya's dominions can also be ascertained by the names of his immediate descendants, which are in reality either the names of the provinces which formed part of his empire, or the names of the different tribes which went to make up the Haihaya and Tâla-janga races of which he was the chief. These names are given as Śūrasena, Śūra, Tâla-janga, Avantî, Vitihotra, Shâryâta, Bhoja, Tundikera, and Ânarta.⁹ Śūrasena is Mathurâ. Śūra appears to be the tribe which gave its name to the peninsula of Kâthiâwâr the name of Surâshtra. Avantî is Mâlhwâ. Ânarta is old Gujarât with its old capital Kuâsthali (Dwârakâ). Vitihotra or Vitihavya is a country to the west of the Vindhya¹⁰. Kundikera or better Tundikera is also a name of a tribe near the Vindhya.¹¹ Bhojas appear to have settled to the east of Arravali and their kingdom was known as Shâlva in the *Mahâbhârata* times.¹² The dominions of Kârtavîrya therefore appear to be bounded by Yamunâ on the north-east; Vetravati or Betwa on the east; Narmadâ on the south and the sea and the desert of Rajputana on the west. The extent of this empire clearly shows that its most important portion was Anûpa, i.e., Gujarat and Kathiawar. And neither Mandala¹³ nor Maheswar¹⁴ nor Mândhâtâ¹⁵ occupies a central position with regard to this country. It would therefore be more natural to expect the capital of this empire somewhere nearer the sea and being on the Narmadâ, it must be somewhere near Broach.

During the *Mahâbhârata* times Kârtavîrya's country and its capital Mâhishmatî appear to have ceased to exist except as a mere tradition. In those times Âryāvarta except for the kingdom of Vidarbha was bounded on the south by Narmadâ for all practical purposes and

⁴ Cunningham's *Ancient Geography*.

⁵ *Mbh.*, Vana p., cxvii, 10.

⁶ *Mbh.*, Udyoga p., xix, 9; *Vâyu P.*, xxvi, 86; *Hari II*, xxxvii, 29.

⁷ *Mbh.*, Sabhâ, p. iv, 24-35; Udyoga, p. iv, 13-24.

⁸ *Hari II*, xxxvii, 29-40.

⁹ *Matsya P.*, xliii, 46-49; *Hari I*, xxxiv, 19.

¹⁰ *Matsya P.*, cxiv, 52-55.

¹¹ Pargiter's *Mârkaṇḍeya P.*, 344.

¹² *Mbh.* Vana p., xiv, xx, xvi, ccliii; *Hari I*, xxxviii.

¹³ (1837) *JASB.*, 622; Cunningham's *Ancient Geography*, 488.

¹⁴ (1807) *9 As. Res.*, 105; *Imp. Gaz.*, sub-nom. Maheswar.

¹⁵ (1910) *JRAS.*, 425; Pargiter's *Mârkaṇḍeya P.*, 333 n.

consisted of well defined kingdoms. Except for stray references to some insignificant Anûparâja, the kingdom of Anûpa had disappeared.¹⁶ None of Kârtavîrya's line ever appears to have reigned in Mâhishmatî after him. The only king of Mâhishmatî spoken of being Nila, who is referred to hereafter. Jayadhvaja, a descendant of Kârtavîrya, is a king of Avantî.¹⁷

Kâlidâsa in the *Raghuvamśa* mentions a king Pratipa in Kârtavîrya's line holding sway at Mâhishmatî.¹⁸ But neither the epics nor the *Purâṇas* mention any such name in his line and the poet seems to have given a local habitation, name and a traditional lineage to an imaginary king with a view merely to heighten the literary effect of the situation by a recital of the glorious deeds of Kârtavîrya.

On the contrary, it is quite clear that in Kâlidâsa's time no city of the name of Mâhishmatî with the memories of Kârtavîrya attached to it was known to exist on the Northern bank of Narmâ lā. Because had there been any such city, Meghadûta on his way from Amarakantaka to Vidiśâ and Ujjain would not have failed to halt over the town where once the thousand armed Haihaya ruled and thus to give to the poet an opportunity for an eulogistic outburst.

The Mâhishmatî of the *Mahābhārata* and the *Purâṇas* is the city where lived a tribe designated as Mahisha, Mâhishaka, Mahishûka or Mâhishmaka.¹⁹ There is also a river Mahishikâ near this city.²⁰

The position of this city could easily be ascertained on a reference to the Epics and the *Purâṇas*, all of which agree in considering it a country of the Dakṣiṇāpatha. Sahadeva comes to it not only after crossing the Narmadâ, but after conquering Avantî, Bhojakata, Kośala and Prâkkośala—perhaps the same as Mahâkośala of Hieun Tshang,²¹ the kings on the banks of the Venya (Vainganga) the Pulindas (Pulmadai of Ptolemy) and Kishkindha.²² The *Āśvamedha Parva* puts Mâhishaka between Āndhra and Kollagiri,²³ the *Bhishma Parva* with the southern countries like Karnâṭaka.²⁴ In the *Râmâyana*, Kish. K., it is placed between Vidarbha and Râṣṭakî²⁵ on the one hand, and Kalinga and Daṇḍakâranya on the other.²⁶

In the *Matsya Purâṇa* it is placed between Pândya, Kerala, Chola on the one hand and Kalinga, Vidarbha, Daṇḍakâ and countries on the Narmadâ on the other.²⁷ Further it is not mentioned as one of the countries on the western extremity (as a matter of fact, surrounding) the Vindhyas though Kishkindhaka which is to the north of Mâhishaka is placed there.²⁸ The *Mārkaṇḍeya Purâṇa* places it between Mahârâshṭra and Kalinga.²⁹

From a careful perusal of these lists the following conclusions can be deduced:—

- (1) That Kishkindhaka was near the Vindhya but Mâhishaka, which was to the south of it, was not.
- (2) That Mâhashika was to the south of Narmadâ and not quite on its southern bank.

¹⁶ *Mbh.*, Sabhâ, iv, 24-35; Udyoga, iv, 13-24.

¹⁷ *Matsya P.*, xliii, 46. *Vāyu P.*, xxxii, 50.

¹⁸ *Bṛhat Saṃhitâ*, 9—10, 17—26; *Mbh.*, Bhishma, ix, 366; *Vishnu P.*, iv, 24; *Mārkaṇḍeya*, lvi, 46.

²⁰ *Râm.*, Kishk., xli, 16.

²¹ Cunningham's *Ancient Geography*.

²² *Mbh.*, Sabhâ, xxxiv.

²³ Chap. xxcii, 11.

²⁴ Chap. ix.

²⁵ Mahârâshṭra, according to Bhândârkar's *Bom. Gaz.*, V, ii, 143.

²⁶ *Râm.*, Kishk., xci, 10.

²⁷ *Matsya P.*, cxiv, 46—51.

²⁸ *Ibid.*, cxiv, 52—55.

²⁹ *Markand. P.*, lvii, 46.

(3) That it was further to the south of Vidarbha and between Kalinga, Āndhra, Kollāgni and Daṇḍakā. These countries are now identified beyond controversy.

(4) That at that time the town known as Māhishmatī was neither on the north bank of the Narmadā, nor anywhere near the sea, nor within that portion of the country which could be identified with Anūpadeśa.

These conclusions leave no doubt whatsoever that the Māhishmatī of king Nīla was not the Māhishmatī of king Kārtavīrya.

But if anything more was required the description of Māhishmatī of Nīla, as given in the *Mahābhārata*, Sabhā P., would be sufficient to make its identification with the city of the Great Haihaya king impossible.

King Nīla though at one place called king of Anūpa (a clear case of transfer of traditional epithet) is neither a Haihaya nor a Yādava nor one reputed to have descended from some eminent founder of the families of Āryan kings. His people are not Āryans of any well known stock but Nīlāyudha's or Līlāyudha's.³⁰ They are a degraded people who have given up the sacred rites,³¹ and whose easy morals have nothing in common with the high standard imposed by Āryan civilization.³² And therefore Māhishmatī of Nīla was a city of a non-Āryan people and could not be the city of the king whose righteous deeds and famous sacrifices were the admiration of posterity.

There was also a third city by name Māhishmatī founded by Muchkunda, the son of Māndhātā, at a place where the Vindhya and the Bksha mountains meet.³³ That city appears to have disappeared altogether.

There is also no doubt that during the post-Mahābhārata and Buddhistic times there was a town somewhere to the south of the Vindhya which was called by the name of Māhishmatī or Mahēshmatī. It also appears that on account of the identity of names those who have sought to locate Māhishmatī have naturally found great difficulty in finding out a suitable place which can answer the description of the Māhishmatī of Kārtavīrya, of Nīla and the one mentioned in *Mahāvanso*. Whether the two cities last mentioned were situated on the site of Mandla or of Chauli-Maheshwar or of Mandhātā does not affect the question as to where Kārtavīrya's capital lay.

A close examination of the events which followed the destruction of Kārtavīrya's power discloses the reason why Māhishmatī and Anūpadeśa of that king disappeared. Jāmadagnya Rāma appears to have destroyed the power of Haihaya king, and under his lead the Bhṛigus appear to have taken possession of the most important part of the dominions vanquished. The Śūrparaka which Paraśurāma called into existence was the country which stretched from the north of Narmadā to Sopara near Bombay.³⁴ There appears to be no doubt that the banks of the Narmadā from Broach up to the very mouth of the river were considered sacred to Bhṛigu and Jāmadagnya.³⁵ Of course we do not find the name of Bhṛigukachha applied to any tract on the banks of the Narmadā in the *Mahābhārata* times; but looking to the extent of Śūrparaka it is quite clear that the tract which was

³⁰ *Mbh.*, Udyoga P., xix, 24; *Bhishma* P., lvi, 13.

³¹ *Ibid.*, Anushāsan, xxxiii, 22.

³² *Ibid.*, Sabhā P., xxxiv.

³³ *Hari II*, xxxviii, 19.

³⁴ *Mbh.*, Sabhā P., xxx; Vana P., lxxxviii, cxviii; Śānti P., xlix; Anushāsan P., xxv, 50; *Hari II*, xxxix, 28. *Arch. Survey of W. India*, No. 10, p. 31.

³⁵ *Matsya P.*, xciii, 33-34.

subsequently known as Bhṛigukachha was included in Śūrpāraka. A part of Anūpadeśa therefore appears to have been included in Śūrpāraka and only a small kingdom on the west coast known as Anūpa survived in the times of the Pāṇḍavas.

All these facts leave no doubt in my mind that the wrath of Rāma was not only carried to the extent of destroying Kārtavīrya's capital but even of obliterating its very existence by including it in Śūrpāraka; and that it was at some place near Brach.

MISCELLANEA.

MULTIPLE ORIGIN OF TECHNICAL AND COMMERCIAL TERMS.

The question of the origin of Anglo-Indian terms has frequently been raised in this *Journal* and in discussing those used in the days of the Scattergoods, Vol. L, Supplement, pp. 7, 11, it was shown that such words as "dimity," "taffeta," and the like had at least a double and sometimes a multiple origin. That is to say, the Oriental term *dīmyātī* was applied to a certain fabric of European origin, which was known in Europe as "dimity," though *dīmyātī* really meant a fabric exported to the East through Dīmyāt (Damietta in Egypt) and had no etymological connection with "dimity." Later on English merchants in India bought and sent to England a fabric, called *dīmyātī*, or "dimity," because of its general resemblance to the familiar "dimity" of Europe. "Dimity" as a term has thus come to have a double origin, European and Asiatic. The history of "taffeta" as a commercial and technical term is much the same, as it came to be used for fabrics of both European (*taffeta*) and Asiatic (*tāfta*) origin.

The object of the present note is to show that the origin of technical commercial terms generally may have a twofold source in folk-etymology and commercial custom respectively. This by way of warning to the searcher.

In former days an Inn in England was known solely by its sign, say a bull, a gate, a goose, a gridiron, a rose, a crown, a shoulder of mutton, a cucumber, and so on. The name of the sign was commercially far more important than that of the proprietor of the Inn. Travellers went to stay at the Bull, or the Gate, or the Goose, or the Gridiron, or the Elephant, or the Castle, without troubling to know who the owner was. When, however, it became necessary or convenient to a proprietor to transfer his premises to, say, the Bull from the Gate, or to the Goose from the Gridiron, he sought to entice both his old customers and those of the former proprietor of his new premises to the new combined Inn, which he therefore named the Bull and Gate, the Goose and Gridiron, the Elephant and Castle, without reference to the incongruity of the names they coupled. Messrs. Larwood and Hotten, *History of Signboards*, quote an ad-

vertisement in the *Postboy*, Jan. 2-4, 1711: "Peter Duncombe and Saunders Dancer, who lived at the Naked Boy in Great Russell-street, Covent-garden [London] removed to the Naked Boy and Mitre near Somerset House, Strand [London]."

Such incongruous double names became common and familiar, and led to interesting instances of folk-etymology. Boulogne Mouth, *i.e.*, Boulogne Harbour in France, was a very familiar name in England in the eighteenth century and became a common Inn sign as the Bull and Mouth. Here we can see the effect of commercial custom on folk-etymology very clearly. Quite as good an example is the turning of Catherine Wheel into Cat and Wheel (Cat being a familiar shortening of Catherine). And so Goat and Compasses arose out of God encompasseth [us], a familiar expression of the English Puritan times. Bag o' Nails out of Bacchanals is due to the same influence. But perhaps the best of all is Pig and Whistle out of Piga Wassail, Anglo-Saxon for "Virgin, Hail!" an ancient pious ejaculation, which may however be rendered more humanly by "a lass and a glass!"

We are here, however, in the presence of a general tendency of the human mind in commerce, which urges it to maintain the continuity of familiar things during a change of circumstances. Thus, the early Muslim Pathān Kings in India found it necessary to preserve the appearance of the coins of their Hindu predecessors in their own, and to use Devanagiri characters for a while instead of Arabic in describing their titles and names. Just as the Kushāns had had to use Greek characters on theirs before them, and after them the East India Company the form and Persian characters of Shāh 'Alam of Delhi on theirs. A minute difference between the Australian and English sovereign long acted to the detriment of the former, though the intrinsic value of the two sovereigns was identical, and the Maria Theresa dollar was the only coin recognised in parts of Africa very long after that Austrian monarch's death, who, indeed, never reigned there. Many other instances could be given.

A very familiar example of the same tendency is in the names of commercial firms: Messrs. Smith, Jones and Robinson will remain an important

firm after there has been no Smith or Jones or Robinson in it for more than a generation. In India we have the instance of Śrī Jamsetjee Jijibhoy, Bart, *in perpetuo* as a personal name, let alone old established firms.

That the mental tendency above indicated is universal is shown in the fact that in a Swiss town in which this note is written, I find such Hotel names as follows: Palace et du Cygne (Palace and Swan); Grand et des Alpes (Grand and the Alpes) not Grand Hotel des Alpes which has a different sense altogether; Parc et Lac (Park and Lake);

Belmont et Chateau (Belmont and Castle); Excelsior et Bon Port, and so on. In a French Provincial town I came across a delightful incongruous Inn sign, Du soleil et de L'Ecosse (the Sun and Scotland); and there is the well-known Hotel at Marseilles, Du Louvre et de la Paix (the Louvre and Rest). In each of these cases there has been an amalgamation of the old proprietaries into one concern.

The moral of all this is that searchers in tracing the history of international terms must be on the lookout for folk-etymology arising out of custom.

R. C. TEMPLE.

BOOK-NOTICE.

LINGUISTIC STUDIES FROM THE HIMALAYAS, being studies in the grammar of Fifteen Himalayan Dialects. By the REV. T. GRAHAME BAILEY, Asiatic Society's Monographs. Vol. XVII, pp. xv, 275. London R. A. S., 1920.

This is another of Mr. Grahame Bailey's invaluable records of Himalayan speech, bearing date 1920 on the cover and 1915 on the title page. The War no doubt is responsible for what looks like a long delay in publishing. It is in fact a supplement or continuation of his *Languages of the Northern Himalayas*, Vol. XII of the same series, and between the two books Mr. Bailey has now given us an account of 41 of the Hill Dialects. Indeed, so closely are the two accounts connected and interwoven that the student must use them together.

The dialects examined in this volume belong to the Tibeto-Burman, 2: Lahindā, 2; Western Pahārī, 9; Panjābī 2. In addition are notes on the secret vocabulary of the Qalandars, Qasāis and the Panjābī gamblers. A notable collection.

Mr. Bailey goes into his subject with a thoroughness and a detail that is delightful to the student, but at the same time rather alarming to the helpers he would so like to encourage. Transliteration, or rather transcription, and the attempt to reproduce sounds with exactitude on paper can be so complicated as to defeat their own end to a greater extent than scholars perhaps realise. One reason is that hardly two people speak quite alike. The pronunciation of words and sounds varies in a remarkable degree even amongst the recognised educated masters of a language. Witness the efforts of the compilers of the *Oxford English Dictionary* to get at the "true" pronunciation of many English words. Then again any form of writing must be at bottom a question of conventional signs (like speech itself for that matter), which, as long as they are understood, answer their purpose. Just as any approach to the conventional sound and use of words answers so long as it is understood. So does any conventional method of reproducing them on paper also answer—so long as it is understood, whether it be a recognised alphabet, syllabary or ideogram, or

combination of signs that can be so explained as to be intelligible. But to any except very special students, there is a limit to the number of these signs which is quite quickly reached in practice. Philologists and phonologists are apt to forget this and to put so many special signs on paper to express their meaning that they do not actually succeed in doing so. Witness the official monographs on the North American languages.

Mr. Bailey makes an appeal at p. vii of his Preface: "Here I could turn to those whose business or pleasure takes them to places where unknown or little-known languages are spoken and appeal to them to make an attempt to elicit from the people facts of grammar and pronunciation, and to add to the sum of human knowledge by giving these facts to the public." I hope he may be successful in his appeal. I made a similar appeal as to the collection of legends and stories nearly 30 years ago in my *Legends of the Panjab*. It has borne some fruit; but not a satisfactory crop. Perhaps the cause has been that I asked for the *ipsissima verba* of the native tellers of tales as well as a translation, and that may have frightened would-be helpers. So the danger I perceive in getting people to follow Mr. Bailey and those like him is that the detail of the approved method of record may frighten them. It is not every one that has the ear to follow the niceties of the sounds produced by speakers of vernaculars, or the special knowledge of the conventions by which they are recorded with pen and ink. Then again, years ago I put on paper my efforts to record dialects and languages spoken in Burma and the neighbouring countries, and still more years ago I tried to do the same for the Panjab and for the speech of some of the very people exploited by Mr. Bailey, only to find as time went on that the approved method of record had become changed in both cases. So my records, though given to the public, cannot apparently be used by it. I do not make these remarks to detract from the great value of Mr. Bailey's work to advanced scholars and students, but to show the

unlikelihood of many following in his steps unless there is a fair prospect of their efforts becoming useful to others.

Having dwelt for years among peoples who used tones as a principal element in speech, I could not help observing the importance of being able to distinguish them on paper, and also the difficulty thereof. I also observed the immense difficulty that strangers, with whom the use of tones was a minor matter (for speakers of all languages use them colloquially), had in both learning and using them. Englishmen in Burma have to get along without any or at best a limited use of them, and yet their use of the language is understood by the educated and more intelligent people they have to deal with. Speaking to a yokel is another matter. The Chinese have got over the difficulty in a fashion by expressing them on paper under a system of undisguised ideograms, and the Burmese, Talaings and so on by a system of "accents," and then we have Sir George Grierson's idea of diacritical strokes. Other methods have been tried: *e.g.*, special spelling, as in Panjābi. But whatever the method, it has to be specially learnt on paper, and when learnt, the difficulty of the student recorder still remains in the accuracy of his own ear. So great is this difficulty and the consequent uncertainty of accurate, and therefore scientific, record, that it is quite a moot point whether, except in cases where tone is an essential feature in a language, it is advisable to ask any but a specially qualified observer to note tones on paper at all.

In such hauds as Mr. Bailey's the record of tones is of the greatest importance in explaining linguistic changes in the history of words. On p. xi. of his Preface occurs the following important passage:—"The average Panjabi appears quite unable to say a pure *h* (other than a *kh*, etc.), and will always substitute for it either the deep or the high tone, yet in daily conversation he frequently uses a pure *h* instead of *s* after a vowel. Thus for the sentence *māi tēññ dāsñā dīs paīsē dītte sāsā*, I thee-to telling-am-ten pice given were-by-him, *i.e.* I tell you he gave ten pice, he will say *māi tēññ dahnā dāh pāihē dītte hāhū*, where all the aspirates are pure and non-sonant." Here we have it seems to me an acceptable explanation of the well-known change of *s* to *h* in the Indian languages, and even of the use of *h* in other languages to express the *s* of borrowed Indian words.

Mr. Bailey's remarks (p. xii) on the glottal stop, so very observable in German and common in much other speech, are worth reading, but I greatly doubt whether it is best represented by (') as in the sentence: "what 'on 'earth 'is the matter?" The late Mr. A. J. Ellis (now long dead, alas!) had a fertile brain in devising means to express

such things, and his ideas might well be studied even by the latest scholars. He used an inverted stop to express an accentuated syllable, thus: (') "pronounced by many Englishmen and Educated Scotchmen." I feel that this device is not only better but easier to print than (') to express the glottal stop: thus, "what 'on 'earth 'is the matter?", and "wha' you want is no' wha' we want." I fancy Sir George Grierson's strokes to represent tones have come to stay, as in *pa*, *pā*, *p̄a*, *p̄ā*, but nevertheless I am not sure whether *pā*, *p̄a*, *p̄ā*, *p̄ā*, would not be as easy to grasp and give the printer less trouble.

Putting Mr. Bailey's actual method of representation to the test, I would note his remarks on the pronunciation (governing his transcription) of Pürük (a Tibetan dialect). On p. 2 he talks of "sounds not represented in the [R. A.] Society's alphabet." One of these is unvoiced (*i.e.* surd or hard) *l*, like the *ll* in Welsh, which "is not a *khl* or *lh* or *hl*; it is simply *l* unvoiced." He says: "it is heard in *llsāpcās*." I cannot help wondering how his readers will pronounce this word to themselves as a result of the explanation. It also makes one wonder if one has a right appreciation of such Welsh words as *llañ*, and of such names as Lloyd, Llanelly, or Llŵchwz (anglicised as Loughor): also of such sounds in the allied (to Pürük) Burmese language as that of the common word which the English usually spell *hlā* and the Burmese by the ligature representing *lhā*.

Let us take another instance which Mr. Bailey gives on p. 3. He writes:—"If one asks a native to say the word very deliberately in two syllables he will say *llyaq-mo*, but if he says it quickly he will say *llyag-mo* or possibly *llyag-mo*, where the *q* or *g* are pronounced in the same part of the throat as *g*. The numerals give other examples; thus, we have *sognyis* or *sognyis* or *sognyis*, thirty-two. This holds for any *q* which is immediately followed by a sonant consonant. In fact, we may state generally that any surd (unvoiced) letter is liable to be changed to the corresponding sonant if a sonant consonant follows, and *s* may become *z*, as in *nyis* or *nyiz*, two, *t* may become *d*, and so on."

To my mind this kind of change from surd to sonant is inevitable, and is it worth while to distinguish it on paper? Does it help etymology to do so? Take the English sentences: "I missed seeing him" and "A mist arose." Is there any difference in sound in these sentences as spoken between 'missed' and 'mist'? Should we gain anything by writing both as *mist*? So do I ask: is anything gained by writing *llyagmo* for *llyaqmo*? Or by distinguishing between *sognyis*, *sognyis* and *sognyis* on paper?

Take an expression, such as one may find, as written, in an American book on science; "Ther wer six words." Does the spelling here

indicate anything more than that educated Americans do not pronounce the English language as do educated Englishmen? Is anything else really gained by it? Take again an analogous case of reproducing vowel sounds on paper. There is a distinct difference to the ear between the English *boot* and *brood*, *white* and *wide*, *male* and *made*, corresponding to what I think Sir George Grierson has somewhere defined as 'long' and 'short long' vowels. But ought the distinction to be made on paper? Are not the above quoted precisely the same vowels as sounded respectively before surds and sonants? Are not the distinctions inevitable and therefore not worth recording? Would it be worth while to teach that there is in English a plural in *s* and a plural in *z*, and then to write *hut's* and *budz*, or *jumps* and *crumtz*?

What I am driving at in these remarks is that there seems to me to be a tendency nowadays towards over-refinement in linguistic representation liable to defeat its own end. Speaking is one method of communicating a language with its own conventions; writing is another with its special conventions. It is not possible to *exactly* represent the one by the other, especially in view of the fact that the conventions in speaking are always inconstant, not only among living speakers, but also among successive generations of speakers; and I am not at all sure that the same is not true of writing. Is it really worth while going further in representing sounds on paper than the accuracy essential to correct reasoning in philology and etymology? No two things in Nature are ever quite alike. So no two observers ever hear exactly in the same way and no two people can ever convey exactly the same sound to each other on paper. That is why I am pleading against over-refinement, and for not going beyond the point that leads to a fair mutual understanding between scholars.

These observations are true of other senses. No two persons see exactly alike. I know a colour other people call 'red,' and so I call it 'red.' We then understand each other, but whether the shades of colour called 'red' that all our eyes see are the

same is another matter. Those who know Upper India are aware that there is a wide range of shades or even colours which the natives call *nīlā*, but when a man tells us that the colour of indigo is *nīlā*, and then proceeds to talk of his *nīlā ghōrā*, we know that he does not mean that he has a dark blue horse. Scientific observers have tried to get over the difficulty by creating books of shades and talking of Broca's No. 63 or of Somebody-else's Red 15. This involves the possession of certain books of printed colours and referring to them each time a colour is described, and I am not sure that in order to really grasp a phonologist's reversed *e* and so on one ought not to have a dictophono. The fair sex, to which descriptions of colour are so important, has faced the difficulty in its own practical and to it satisfactory way by describing shades by adjectives of reference and have produced the glorious uncertainties of 'olive green,' 'grass green,' 'peacock blue' and so on. The moral which I would plead is attached to this is: Don't go so far as to frighten away those who have the opportunity of recording the speech of the dwellers in remote places difficult of access.

Having made my little grumble, I wish to express a whole-hearted gratitude to Mr. Bailey for the care and conscientiousness, obviously involving long and very great labour, with which he has introduced us to a most difficult and philologically important series of dialects, and for the hints he has given as to the directions in which further study will be useful, though any one following his footsteps worthily will have to be very well equipped for the purpose.

In addition, he has given us some most useful notes on the argot of the Qalandars, and the secret words of the Qasāi and the Panjābi gamblers. I agree with Mr. Bailey in believing secret words and slang to be of linguistic value, even though they be merely disguised forms of the speakers' vernacular, and have acted on the belief when opportunity has occurred. When such words are borrowed from other languages not ordinarily in the way of the speakers, they may well be of ethnological value also.

R. C. TEMPLE.

NOTES AND QUERIES.

NOTES FROM OLD FACTORY RECORDS.

40. Commission as Captain of Chuliars.
9 July 1691. Consultation at Fort St. George. Maucudum [? Mukkadam] Nina (an Eminent Chuliar [Chūliā, East Coast Muhammadan] Merchant, late of Porto Novo, haveing now brought his family and Shipping to Settle at Cuddaloor [Cuddalore, Kūdalūr], and haveing been very industrious and Serviceable in promoting the Right Honble. Company's Interest there in drawing many rich Merchants and others to inhabit there to the

increase of the Customes and revenues of the place, as alsoe the fortifying the town with severall bastians and now about walling it, and much at his own charge; Soe to encourage his proceedings, Tis orderd that He be a Commissioned Captaine of the Chuliars, Moors and Gentues, and that a present of a Scarlett [English broadcloth] coat, Sword blade, Gunn and rundell [official umbrella] be sent him in respect of his good Services and to oblige their continuance. (*Records of Fort St. George, Diary and Consultation Book of 1691*, p. 30.)

R. C. TEMPLE.

ABOUT BUDDHIST NUNS.

BY KALIPADA MITRA, M.A.

IN the March issue of the *Indian Antiquary* (1921) Mr. K. V. Lakshman Rao, M.A., has written (p. 83): "It is Buddha who first founded the system of *saṃnyāsa* for women and consequently references to *bhikkhunīs*, *samanīs*, *pabbajitās* and nunneries are found in Buddhist literature.....It is no wonder then that these young female ascetics were called *kumāra-śramaṇās* which necessitated a separate rule in Pāṇini", and later on (p. 84) "I therefore consider the *śramaṇā* and *pravrajita* mentioned in the *Sūtra* and *Gaṇapāṭha* of Pāṇini as referring to the Buddhist *samanīs* and *pabbajitās*."

It appears therefore from the above that Mr. Lakshman Rao holds that (1) Pāṇini knew the Buddhist Nuns and that (2) it is Buddha who first founded the Order of the sisters (nuns) by ordaining them *sanyāsiniīs*.

Since the Order of the female ascetics, in some cases girls of seven years of age and therefore very young (called *kumāra-śramaṇās*) was founded by Buddha, it could not exist earlier than when Buddha flourished. To have been acquainted with it Pāṇini must either be the contemporary of Buddha or must succeed him—in any case, he could not have preceded him in point of time. Pāṇini's knowledge or non-knowledge of the nuns therefore primarily depends upon his date. I believe many authorities hold Pāṇini to have belonged to the middle of the eighth century or simply the eighth century B.C. Vincent Smith believes his date to have been the seventh century B.C. The date of Buddha's death was formerly supposed by him to have been 487 B.C., but after the new reading of the Khâravala inscription he is disposed to take it to be 544 B.C., if of course it has been correctly interpreted. The Buddhist order of *bhikkhunīs* could not have been founded earlier than the sixth century B.C. If these findings of the dates be correct, Pāṇini preceded Buddha and could not therefore have known the Order of nuns founded by him. The solution of the first question depends on how the respective dates are ascertained. If Pāṇini preceded Buddha the word *śramaṇā* would imply the existence of Hindu female ascetics before Buddha's appearance.

The second point that it is Buddha who first founded the system of *saṃnyāsa* for women is open to contention. Pandit Vidhusēkhara Śāstri of Śāntiniketan has examined this point at some length in the introduction of his work, *Pātimokkham* (written in Bengali). I here give a summary of his arguments for supposing that female ascetics existed even before the time of Buddha.

In the Vedic times there were some women poets, such as Viśvavârâ, Ghoshâ, Lopâ-mudrâ, who composed hymns. They were called *brahmavâdinīs*. In the *Bṛihadâraṇyaka* Maitreyi, wife of Yâjñavalkya, was a *brahmavâdinī*. But *brahmavâdinī* does not necessarily signify 'one who has renounced the world and become a *sanyāsini*'. There is no proof of the existence of *saṃnyāsa* in the period of the *Samhitâ*. But it might be that some of the *brahmavâdinīs* were, like Maitreyi, married and of the world, others were celibate and were *brahmacâriṇīs* even from youth. The instance of the *brahmavâdinī* Vâcakanvî Gârgî may be taken. She disputed boldly in an assembly of the *brahmanîds*—an unusual thing for a girl to do so, for even in the Vedic times, a daughter-in-law would be ashamed to appear before her father-in-law (*śnushâ śvaśurâ lajjamânâ nīlāyamânâ*—*Āitareya Brâhmaṇa*, 3-12-11). This is suggestive of her being unmarried and a *brahmacâriṇī*. Śaṅkarâcârya says (*Vedânta*, 3. 4. 36 *et seq*) that she was unmarried and was not in the *gârhashtyâśrama*; she was *anâśraminī*.

From the *Dharmaśāstras* and *Gṛhyasūtras* it appears that *brahmarāṣiṇī* was understood in the sense of *kumāra-brahmacāriṇī*. Hārta says (21, 23): "Women are of two kinds—*brahmarāṣiṇī* and *sadyobadhū*. For the former (are enjoined) *upanayanam*, *agnīndhanam* (keeping the sacred fire alive), the reading of the Vedas, and *bhikṣhācaryā* (begging) in one's own home. The latter are to be invested with sacrificial thread (*upanayanam*) at the time of marriage."

The *Rāmāyaṇa* and the *Mahābhārata* abound in instances of women who remained unmarried, and without entering the world took a life-long vow of *brahmacarya* and begging. Take the instance of the Śramaṇī Śavari. Pandit V. Śāstrī has pointed out that *she did not belong to the caste of the Śavaras* (as Mr. Rao holds), *her name only was Śavari* (Śramaṇī Śavari nāma—*Aranya kāṇḍam sarga*, 73, 26). The daughter of Śāṇḍilya was *kumāra-brahmacāriṇī* (*Mbh.*, *Śalya*, 55—6, 7); so also was the daughter of Maharshi Gārgya (*Mbh.*, *Śilya*, 56—7, 9). Then is cited the conversation of the *bhikṣhukī* Sulabhā with king Janaka (*Mbh.*, *Śānti*, 325). She was a Kshatriyā and wandered about the world singly (*mahīṇ anucacārikā Sulabhā nāma bhikṣhukī*).

It is clear from what has been said of the cases at least of Gārgī of the *Bṛhadāraṇyaka* and Sulabhā of the *Mahābhārata*, that certainly amongst the Vedapanthis, females became ascetics from early youth (*kumāra-brahmacāriṇī*) and wandered about from country to country. This point has been very clearly put forth in the *Hārta Dharmaśāstra*.

The words *bhikkhu* and *bhikkhunī* have been expressly reserved for Buddhist monks and nuns. *Parivrājaka* and *parivrājika* signify monks and nuns of other Orders (*añña-tiṭṭhiyā*). That *bhikkhus* and *parivrājakas* were not the same, but were distinguished appears from the *Cullavagga* (5. 23. 2) where a Buddhist lay *Upāsaka* says, "Sir, these are not *bhikkhus* but *paribbājakas*", and from the *Bhikkhupātimokkham* (*Pācittiya*, 41). The *Sutta Vibhanga* lays down—*Paribbājika nāma bhikkhunim ca sikkhamānaṃ ca sāmaneriṃ ca thapetrā yā kacci paribbājika samāpannā*, i.e., *paribbājikā* means any female who has taken *pabbajjā* excepting *bhikkhunīs*, *sikkhamānās* and *sāmanerīs*.

Pandit Vidhusekhara Śāstrī has moreover shown that at the time when Buddhism was preached and when the *Suttas* and *Vinaya* were composed, the existing religious sects, such as *ājīvikas*, *acclakas*, *niganthas*, *jūṭilas*, etc., were so named (*satta ca jaṭilā, satta ca niganthā, satta ca acclā, satta ca ekasāṭṭhikā, satta ca paribbājakā*—*Samyutta* 3. 2. 13, vol. I, p. 74). The word *bhikkhu* was applied solely to Buddhist monks. The *Mahāvagga* (2. 1. 1) says, *añña tiṭṭhiyā paribbājakā*. Thus the *paribbājakas* were monks other than Buddhist, and, according to Pandit V. Śāstrī, were none but the Vedapanthi *Sanyāsīs*.

From the above it is evident that there were *sanyāsīs* of other orders even before the *Śākya-bhikkhunī* order was founded. This is suggested from the *Bhikkhupātimokkham Saṃghādisesa*, 10:—*kiṃnu bhāca samāṇiyo yā samāṇiyo sakyadhitaro santaññā pi samāṇiyo*. Thus Buddha was not the first to create *bhikkhunīs*, nor does it appear that the order of the female ascetics was altogether a new thing. It further appears from *Suttavibhanga* and the *Bhikkhupātimokkham* that the *paribbājakas* dined together. So they had an order of a sort, though perhaps not properly organised. There were *sanyāsīs* amongst the Jains. Candanā, daughter of Rājā Cetaka was a disciple of Mahāvira. She was unmarried and took *sannyāsa*. She was *gaṇiṇī* (head) of 36 thousand *āryās* (*S.B.E.*, *Kalpasūtra*).

Very reluctantly did Buddha accord permission to ordain females, saying in that case *brahmacarya* would not last long. Perhaps he expressed himself thus after considering the evil effects of the many existing orders of *sanyāsīs* at the time.

From all these considerations the Pandit concludes that neither the *bhikkunīs* nor their Order were new creations of Buddha.

It has been said that Buddha was very much averse to the creation of the Order. But when he had ultimately to accede to the request of Ānanda (*Cullavagga*, 10. 10. 6) very sadly did he say that it was like a blight and would jeopardise the existence of *brahmacarya* in the *Samgha*. To prevent possible harm he laid down eight *garudhammas* for discipline. But they were unavailing. The *Pāṭimokkham*, *Suttavibhanga* and *Cullavagga* record instances of abuse. He had to ordain special rules in the *Bhikkunīpāṭimokkham* to check these abuses, in some cases running to the length of wilful miscarriage in latrines, killing of foetus, etc., and to prevent a free mingling with the *bhikkhus*. So he was not wrong in saying that if the order would otherwise have lasted for a thousand years, with the creation of the order of *bhikkunīs* it would not last for five hundred.

The later Sanskrit literature bears testimony to the depth of immorality to which the *bhikkunīs* had descended. In the *Sāhityadarpana* (3, 157, *dūtyah Sakhi naṣṭ...pravrajitā*), and *Kāmasūtra* (*Sakhī-bhikṣukī-kṣhapanikā-tāpīst-bhavaneshu sukhopāya*), they are represented to act as go-betweens between the hero and heroine. In the *Mālātī-Mādhava Saugata-jarat-pravrajikā* Kāmandakī, her *antevāsini* Avalokitā, and *priya-sakhī* Buddhārakṣitā were engaged in effecting a clandestine union between the lovers. This shows that Buddha was only too true a prophet. Such *paribbājikās* were subsequently engaged as spies. In such circumstances how could they command respect? It is but natural that they should be contemptuously regarded. I think that the Hindus began to hate these Buddhist nuns, not because "the institution was unknown to them" as Mr. Rao holds, "but because these nuns, at least some of them, must have led a life of doubtful morality." Hindu or non-Hindu, Buddhist or non-Buddhist, such characters would in any circumstances be contemptuously treated. The contempt was hurled not at the Buddhist Order so much as at the immoral persons. Perhaps it would not be a difficult matter to detect corruption in nunneries of mediæval Europe, or for the matter of that in any ordinary nunnery of a by-gone age.

SOME BURMESE PROVERBS.

COLLECTED BY RAO BHADUR B. A. GUPTA.

AND EDITED BY A. L. HOUGH.

1. *Kyet hmā ayō : lū hmā amuō* :—With fowls it is the hereditary strain, with men it is lineage.

2. *Ein shé pu : ein nuuk mā chan : thā*.—Should the front of the house be hot, the back part will not be comfortable. The meaning applicable is :—'If the head of a family is in trouble the other members will also suffer.'

3. *Let-thē : kesiik : kə | let-hteik nā*.—If you pinch at the nail the finger tips will also feel the pain. The meaning is :—'If you try to injure a person, be careful of his relations who will try to do the same to you.'

4. *Bū* :—*bin-hmā hpā-yon mā thī : bū* :—A pumpkin will not bear fruit on a gourd-tree. It means : 'A good man will have a good son ;' or, put in another way, 'A good man begets good progeny.'

5. *Hpongyi : yū : hniñ hlē lē* :—A mad priest and an unstable boat. Meaning :—'When two persons of bad character meet they are apt to do evil deeds.'

6. *O : ywè go sa-laung : ywè hnin hpon :—or— O : ywè sa-laung : ywè hnin peik ya myi.* A crooked mouthed cooking-pot should be covered with a crooked lid ; or, one should close a crooked mouthed cooking-pot with a crooked lid. The meaning may be given in the following ways :—‘ Pay him out in his own coin : ’ or ‘ Treat him as he treats you : ’ or ‘ A vicious person cannot be friendly with a good man : ’ or ‘ One should adapt one’s self to circumstances.’

7. *Mō : kon hma htun cha.*—To use the plough when the rains are over. The meaning is :—‘ It is not much use doing a thing when it is too late.’ It may suggest the English proverbs : ‘ To hoist the sail while the gale lasts ; ’ and ‘ Time and tide wait for no man.’

8. *Pyin lun : hpin chun.*—If anything is repaired too much its shape will be spoilt. The meaning is :—‘ Don’t try to improve on the shape of a pot that is perfect or it will be made useless ; ’ or ‘ If too great care is bestowed on a thing it will be spoilt.’

9. *Myet-si-gan : tã-hse mã kyauk.*—A blind-man is not afraid of ghosts.

10. *Taw mī :—laung taw-gyaung let-hkã-maung-hkat.*—When the jungle is on fire a wild-cat will show fight. Meaning :—‘ When there is no escape a wild-cat will attack in self-defence ; ’ or ‘ When a man is in a tight place he will show fight, docile though he may be.’

11. Text not legible. A tiger rushed headlong at a stone in his fury and split up his head : i.e., ‘ If you want to fight with a man who is stronger than yourself you will be the sufferer.’

12. Text not legible. When the thin crust of a hill falls Nga Myat Min’s pepper garden will be destroyed. That is, ‘ When a hill-side slips down, Myat Min’s pepper cultivation, if it is there, is sure to be destroyed.’ Otherwise, ‘ When great things fall the little ones will follow.’

13. *Kyū-bin hkok kyū-ngot hmja mã kyan ze hnin.*—When cutting down the Kyu-reed do not let so much as a stump remain. Meaning : ‘ When you come into power remove your enemies entirely, or they will get you into trouble.’

14. Text not legible. Pearls from one and the same bed will be similar, i.e., ‘ A chip of the old block ; ’ or, ‘ One knows the character of a man from his family : ’ or, ‘ A man is known by the company he keeps.’

15. *Taung-deik kyā yauk anauk ka ne dwet, Myin : mō pyō-et, shi-lo-ya shi ze.*—‘ Lilies grow on the tops of mountains ; the sun rises from the west ; Mount Meru has split up ; let it be whatever you wish ! ’ In other words, ‘ Do not contradict those in authority nor offend them as there is nothing to be gained thereby. Listen to them and acquiesce in everything they say, and, when your turn comes to obtain some advantage make the best of the opportunity.’

I give here the note made by Rao Bahadur B. A. Gupte in his own words as follows :—This proverb records a tradition. “ Once upon a time a Burmese king said to his *amaccho* (page) ‘ Look here, *amaccho* ! By my glory and power, does the sun not rise in the west ? Do not lilies grow on top of the hill instead of in the lake ? Did not the great Mount Meru (centre of the universe) split up when I ascended the throne ? ’ In answer to such questions, the page replied : ‘ Yes Sire ! Sire ! the sun rose from the west ; lilies grew on the hill top, and Mount Meru split up. It is moreover about to fall into pieces.’ He was obliged to say so, as if he did not, he would have been punished. From this story comes the proverb, which is interpreted to mean : ‘ I shall not go against any person in power nor shall I contradict him for fear of offending him.’ It is a custom in Burma for the Burmese not to contradict the man in power, but, as a rule, silently, to pay attention to him.”

THE ORIGIN, GROWTH AND DECLINE OF THE VIJAYANAGARA EMPIRE.¹

By C. R. KRISHNAMACHARLU, B.A.

THIS empire, justly called 'A Forgotten Empire' by Mr. Sewell, on account of the neglect it has suffered in the historic literature of India till recently, and equally justly called 'A Never-to-be-forgotten Empire' by Mr. Suryanarayana Row, because of its political greatness and its vastness in extent and influence on the shaping of South India, in its later politics, economics, religion and society is one of the greatest Hindu empires that India has witnessed. Its origin was about the end of the first quarter of the fourteenth century, and its end came about the end of the seventeenth century A.D. Though the fatal battle of Talikota gave a blow to the earlier magnificence of this empire, its effects were damaging mainly to the glory and position of the capital town Vijayanagara. The dominion of the empire lasted in South India for nearly a century after this battle. For the first two-hundred-and-fifty years of its existence the history of the empire is one of steady growth and expansion. On the one hand it consolidated the whole of Southern India into one *Hindu State* and on the other it checked the influx of Muhammadan conquests and civilisation into the south.

The importance of the history of the Vijayanagara Empire for the student of history lies in the fact that it was the first all-South-India Hindu dominion with a strong link of relationship established between the ruler and the ruled, and felt in the every-day life of the people. The names of no rulers of mediæval South India have become such household words as those of the rulers of this line: *e.g.*, that of Krishnarâya. His name has gathered no less an amount of heroic and romantic tradition in the south than the names of Vikramâditya and Bhôja have done in the north and south as well.

The old Aryan saying: *Râja kâlasya kâraṇam i.e.*, 'the king is the cause, that is, the maker of time' holds true with rulers and ruling dynasties of every grade and duration. And that ruler or dynasty that figures as the greatest 'past' cause of the condition of the country commands the most earnest and regardful study and treatment in the hands of scholars. More than that, their lives live in that unwearied stream of folk-history *viz.*, tradition. The domination of this house over the destinies of South India postponed its Islamization for three centuries. But for the opposition presented by this ruling family to the advance of Muhammadan invasion Dravidian India should have begun to yield to Islamic ways of life and institutions much earlier than it actually did, if at all it did so fully as the north. During the period of its rule the south retained all its ancient national life, of which the north was then being robbed and deprived, through the advent and expansion of an alien rule and civilisation. The south was then not only enjoying its political and religious liberty but was also making adjustments and improvements in these respects.

The ancient dynasties of South India had gradually disappeared as the result of time. At the dawn of the sixth century A.D. we find it parcelled out into a number of principalities some dominating over others. The Western Châlukyas, whose capital was at Vâtâpi (the modern Bâdâmi in the Bombay Presidency) came into prominence about this time and constantly measured swords with the rulers of the south, and mostly with the Pallavas of Kâñchî, who were no less war-like and no less successful. The successes of each were signalled by the capture, though temporary, of the capital of the other. The Pallavas were settled in the country between the Krishnâ and Kâñchî, nay even the Kâvērî. The latter town was their stronghold even from about A.D. 320 when Samudragupta extended his marches thereto from the north.

¹ This paper was prepared in the year 1915 at the request of some students appearing for the B.A. Degree examination of the Madras University and was subsequently sent to the press at their suggestion. Discussions, therefore, of all controversial points have been avoided in it.

At the end of the sixth century A.D. a branch of the Châlukyan house established itself independently in the east as the house of Vengi, having ousted from its sovereignty the Pallava line ruling about there. For nearly five centuries thereafter the Eastern Châlukyan house ruled over the Andhra country almost uninterruptedly. But the Western Châlukyas began to wane in glory about the middle of the eighth century A.D., when the Râshtrakûtas entered into competition with them. The power of these began to assert itself strongly, and for nearly two centuries there existed a state of continued warfare for the Râshtrakûtas with the Western Châlukyas on the one side and the Eastern Châlukyas on the other. And about the beginning of the ninth century, the Râshtrakûta conquests spread as far down as the lands of the Pallava king Dantivarman of Kâchi. Gôvinda III, of this family defeated a coalition of 12 princes of the south and even reduced the Western Châlukya sovereign of the time to the position of a feudatory. With the passing away of the tenth century, the Râshtrakûta power faded away and the Yâdavas of Devagiri stepped into their place in the north. Originally followers and relations of the Râshtrakûtas, they gradually grew in power and assumed independence about the beginning of the twelfth century, with the Mauryas of the Konkan, the Nikumbhas of Khandesh and the Guttas of Ujjaini as their vassals, till they came to be one of the foremost royal houses in the south about the beginning of the fourteenth century,—so rich in prosperity as to make the greedy hands of 'Alâû'd-din and his general itch for a plundering conquest.

In the farther south, after the Pallava decline, which came about in the ninth century A.D., the Chôlas rose and expanded in their dominion. For three centuries, i.e., from the tenth to the thirteenth, they remained masters of this part of the country. Râjarâja I had conquered almost the whole of the west of South India, establishing Chôla suzerainty over the Gangas of Mysore, the Nolambas of Anantapur, Bellary and Mysore, the southern part of the Vengi country, the Kollam country (the modern Travancore), Kudamalai (Coorg) and Ilam (Ceylon). His son, Râjendra-Chôla I, reduced to Chôla supremacy all the eastern country up to Ganjam. In the generation next to Râjendra Chôla I, who ruled from A.D. 1012 to about 1043 A.D., and Râjâdhirâja I whose reign ended somewhere about 1053 A.D., the Chôla house ran short of a legitimate successor. The Chôlas and the Vengi Châlukyas had become relations by marriage and Râjendra Chôla, the son of the Eastern Châlukya Râjarâja I, the *kritibharta* (patron) of Nannaya's *Andhra-Mahâbhârata*, was chosen for the Chôla throne with the title of Kulâttaga-Chôla I. This combination of sovereignties brought and kept the most part of South India under one crown, like England and Scotland uniting under James I who came from the north. This Chôla-Châlukya sovereignty continued in prosperity till about the beginning of the thirteenth century, when it broke down and gave occasion and opportunities for the growth of the minor kingdoms into prominence and power. The Kâkatiyas of Anumkonda and Orungal, who were originally feudatories of the Western Châlukyas of Kalyan, had asserted independence about the middle of the eleventh century and gradually grew to be a powerful Andhra kingdom about 1230 A.D.

About 1235 A.D. Kalinga was lost to the Chôlas. In the south-west the Hoysâlas had consolidated themselves into a strong power with two branches ruling at two capitals, viz., Dvârasamudra in the north, and Vikramapuram near Srîraṅgam in the Trichinopoly district in the south. They had established their dominion in this district and engraved their inscriptions in the Raṅganâtha temple at Srîraṅgam. These kings were on hostile terms with the Chôlas about the beginning of the thirteenth century. It was about then that they founded their second capital at Kannanûr near Srîraṅgam, calling it Vikramapura, their

conquest being signalised by the foundation of a temple, called Hoysalesvara, there. The Chôla sovereignty had lost by this time its integrity and suffered disruption. Its chief seats were two, Tanjore and Kâichî. The first was under the weak king Râjarâja III. The second was under the rule of that family of the Chôlas who called themselves Siddhis, under one of whom, Manmasiddhi, Tikkana the Telugu poet was a minister. Sometime between A.D. 1230 and 1250 Sundara Pândya II of Madura had invaded the Chôla capital Tanjore and burnt it. Râjarâja III subsequently prostrated at his feet and at the cost of his independence regained the capital. In the neighbourhood of this disintegrating Chôla dominion, the Sengeni chiefs, calling themselves Sambuvarâyas throughout their political career as the feudatories of the Chôlas, gradually rose into independence, which they achieved in about 1339 A.D. just about the time of the dawn of the Vijayanagara House.

The years 1253 and 1254 A.D. were very eventful for the history of South India. The weak Chôla was yielding before the advancing Pândya. Sundara Pândya established his superiority over the Hoysalas of Dvârasamudra and over the Chôlas both of Tanjore and Kâichî. He had taken Srîraṅgam from the Hoysala. In the hostilities between the Hoysala and the Pândya, the Chôla king Râjarâja III managed to recoup and get the upper hand, and eventually ousted the Hoysala from his ancestral dominion by defeating Someśvara about 1254 A.D. 1253 A.D. saw the Pândya rise, and 1254 A.D. saw the Chôla rise. The ascendancies of both were temporary only. The balance of ascendancy was now very unsteady and easily and quickly tilting. Though in the south the Hoysala was now defeated by the Pândya and now by the Chôla, he had the most substantial dominion and power of the three; for when the torrent of Muhammadan invasion from the north rush down in 1306 A.D. and later, the Hoysala was in a condition to contribute much to the check of the stream. At this period there were other potent kingdoms in Peninsular India. The Yâdavas and the Kâkatîyas were in no less prosperous and powerful condition than the Hoysalas. In the latter half of the thirteenth century the extreme south was a whirlpool of discords, fights and captures; the Chôla house divided into many branches and passing through the last convulsive stages of a shattered and lingering sovereignty; the Pân'ya house trying to absorb it, but corroded inwardly by the cancer of domestic dissension; the Hoysala strong, but yet weak here owing to remoteness from the northern branch and capital.

While this was the political condition of the south, a small rocket of discord flies up from Madura and falls as a signal at Delhi. Mr. Sewell informs us, on the authority of the Muhammadan historian Wasaf, that 'Sundara the son and murderer of Kalês Devar (i.e., Kulaśekhara) gained the throne of the Pân'ya in 1310 A.D. by defeating his brother Vîra, and being defeated by him later, fled to Delhi, to bring in Muhammadan intercession on his behalf'. It is to be noted that none of the other powerful kings of the south undertook to fight for this discontented Pândya prince. The capture and sack of Madura in 1311 A.D. was thus but the outcome of family dissensions in the Pân'ya house, a phenomenon similar to the intervention of Baber in the affairs of the Lodis of Delhi.

The Pândyas and the Hoysalas succumbed to the ravages of the Muhammadans. The Chôla dominion was but lingering. The Kâkatîyas had also bent under these same waves of alien conquest. As Mahmud of Ghazni's conquests of 'infidel' India were only series of plunders in the name of Islam and the Prophet, the southern invasions of Malik Kafur too were but sallies of greedy militaryism. It was not the legitimate and natural outcome of the expansion of a people into foreign lands through the pressure of population at home or of adventures in quest of settlement, as was the expansion of the English into America, India

and Australia. The conqueror was only a wayward and self-willed accomplice of an unscrupulous offspring of the Imperial family of Delhi, who was casting his wistful eyes on the Imperial throne, and for it was even aiming his ungrateful and treacherous sword at the neck of his old, loving, benevolent and unsuspecting uncle the Emperor Jalalu'd-din. The results of a conquest pressed on under such auspices to such distant parts were bound not to be permanent or far-reaching. The cyclone comes, sweeps over the earth's bosom, but does not stay on. Trees fall. Buildings shake and crumble. And villages perish. The cyclone is off before the next hour ends. But the dire effects of its rude play last for a long period. Such also were the effects of this Muhammadan conquest on the peninsular portion of India. Out of the conqueror's vanity an attempt at setting up a viceroyalty in the Pāṇḍyan country was actually made. The lifeless *bija* for an abortive dominion was thus sown vainly. For nearly a quarter of a century from A.D. 1310 this alien viceroyalty lived on with a great deal of strain on itself and not a little discontent of the subjected native dynasties and people. The contact with Delhi at its great distance was for some years a difficult thing to maintain. Without the imperial patronage and reinforcement so small a military settlement at such a distant place could not live for a longer time. The fact that this viceroyalty, consistently with the spirit of the original conquest, persisted even after becoming a local government in a religious policy very offensive to the people which hastened its doom. In 1327 A.D., that is within two decades of the establishment of the Pāṇḍyan viceroyalty, the viceroys revolted against Delhi and sought refuge with the Hoysala king. To squeeze more tribute from the South-Indian royal houses an expedition was organised against these. But this time the Hindu dynasties of the south formed themselves into a national military confederacy and effectively resisted the expedition. Though it was carried out almost under the very nose of the Tughlak emperor who had just then held his fickle capital at Devagiri (Daulatābād) in preference to Delhi, it failed in the face of such an opposition. This was in A.D. 1344. In A.D. 1347 the Bahmani viceroyalty of the Dekhan declared its independence of Delhi. Though the Pāṇḍyan viceroyalty had failed, the Bahmani viceroyalty lived long enough to measure swords with the opposing south. The ambitious, premature and more distant viceroyalty had failed, while the more opportune and less distant viceroyalty lived on.

Till now the ascendancy of a particular ruling house in Dravidian India was but the manifestation of the martial superiority of one over the rest of the Hindu kingdoms. History, like agriculture, presents to us the truth of the law of 'rotatory fertility.' As new lands give profuse crops, new communities give powerful heroes and rulers. So far as Dravidian India could yield, it had yielded powerful dynasties with magnificent capitals in all its parts, except where Vijayanagara was now to rise. The Eastern Chālukyas had run out their glorious career in the north of the eastern country. The Pallavas had shone and set still earlier in the mid-east districts. The Chōlas had held their supremacy over most of the Peninsula with Kāñchî and Tanjore as their later centres. The Pāṇḍyas had by their brilliant history raised Madura into the star-like cluster of the classic capitals of the south. The Hoysalas had grown, ripened and withered. The Cheras being only a cornered dynasty could never naturally become a representative and strong military power in the south. Thus it seems as though the turn came to a feudatory family, as has almost always been the case in the history of the south, to rise to prominence, on the ground of natural causes and historic relevancy, viz., (1) its connection with the part of the country which was rich and civilised and hence exposed to the greedy expeditions of the Muhammadans then in the ascendant in

almost all parts of Upper India, and (2) the natural law in history that the strongest feudatory of the last ruling family must step into its place when that family retires from power, much like the retiring man in advanced age.

The Hoysāḷa power gave place to the Uḍayar rule in the south of Mysore and in the country round about Śrīraṅgam: Uḍayar being the title of the chiefs of the first Vijayanagara dynasty, taken after the Chōḷa kings, under which they rose into military prominence at Penugonda (modern Ananthapur district), in the South Arcot, Chingleput, Cuddapah and Nellore Districts. We find the earliest of their inscriptions even so far north as Badami (the historic Vâtâpi, Bombay Presidency), which after the downfall of the Western Chāḷukyan dynasty in course of time became part of the northern dominions of the Hoysāḷas, (directly under the Vijayanagara Uḍayars who were their local governors).

The five sons of Sangama I of this family ruled over almost the whole of the Peninsula between the Krishna and Kaveri rivers. About A.D. 1336, the traditionary date given for the foundation of this house, Harihara I, the first of the five sons, held the position of the lord of the whole country between the eastern and western oceans. His brothers were lords of the other parts of the country, Kampa (Kampaṇa I) being the Lord of Nellore and Cuddapah districts, and Bukka in charge of the Muḷuvâyi country, *i.e.*, the country around the Mulbagal district of Maisur. Mārappa, the fourth of Sangama's sons, had control of the Shimoga and the North Canara districts. Thus almost the central belt of the Peninsula had passed into the direct though vassal rule of this rising dynasty, when it thought of starting an independent line. In A.D. 1337, the capital of the crest-fallen Hoysāḷa was shifted from Dvâṇasamudra to Tonnûr near Śrīrangapatam. Towards the last days of the Hoysāḷa rule, the former had come to be the seat of a viceroy of this line, a chief of the later Vijayanagara family. It was one of the three South-Indian capitals devastated by the Muhammadan conquerors, the other two being Devagiri the capital of the Yādavas and Orugallu, the capital of the Kākatiyas. Thus both by the possession of its territory and the assumption of its capital the Vijayanagara house was practically a political descendant of the Hoysāḷa line, destined to be a wider-felt and more enduring government for South India. When a new Kannada dynasty took the place of a Kannada sovereignty in the same ancient spirit of rule, there was not so much a revolution as a necessary continuative substitute of the fallen dynasty after the circumstance of a crushing foreign conquest. The rising Sangama dynasty had no external difficulties in the way of its establishment and growth. Not only had it no political obstacles from outside but internally also the ruling family was well rooted in the strength of its position, nobility of ideal and morality of outlook. The five brothers that started the glorious career of the dynasty were like the Pāṇḍava brothers, to whom they compare themselves in their copper-plate records—the comparison is really justifiable—ruled with the single mind of true Hindu brothers. Four of these were established as provincial rulers under Harihara I, the eldest. They acknowledged him as sovereign and all acted with one mind, as it were, of a Hindu joint family. Fraternal co-operation and regard were manifested through joint grants and joint orders. The five brothers made a common grant to the Sringeri-pīṭha. Harihara and his last brother Mudappa issued a joint order in a certain instance. This unanimity of the brothers started the family on a career of steady and sure progress in the acquisition of dominion and glory.

At such an ascendant tide of time for this dynasty, Providence procured for it the advice and guidance of a great scholar and saint—probably the greatest scholar and thinker in the South India of the fourteenth century. Vidyāranya became the minister and on his almost prophetic advice was built the new capital at Vijayanagara, called also Vidyānagara, after

this minister-founder. This gave the dynasty its first existence as a really new ruling house. It was no longer the successor to an extinct sovereign in his ancient capital, but a new royal line with a new seat attached to an epic-celebrated and time-honoured spot, namely the Pampa (the modern Hampi). The location of the capital, in association with one of the most revered Śaiva centres in Southern India, brought the new ruling house all the respect and allegiance that such an association would engender in a religiously inclined people, like the Hindus and especially the Hindus of the mediæval times. Its location also on the Hindu bank of the Tungabhadra, as the guarding post of the Hindu part of the Peninsula against the Mussalman part of it, was strategically very important. Proximity to the alien kingdoms on the north of the river naturally led to the raising of fortifications, which are probably the strongest and on the grandest scale that Dravidian India has witnessed within historic times. It is notable that this city could successfully resist the constant attacks of the Muhammadan invaders for no less a period than two centuries.

To these advantages the ruling house added also a line of conquerors, who were no less faithful to the crown than war-like in the battle-field. The Kadamba country had been brought under Vijayanagara rule by Mārāpa, brother of Harihara, with a viceregal capital at Chandragutti. The Santalige country, *i.e.*, parts of the modern South Canara district and of Shimoga in Maisur, acknowledged its supremacy, though it was in the immediate charge of the Paṇḍya-chakravartin—a relic of time. Chāmeya-Nāyaka had built the fort at Badami under orders of Harihara I for the strength of his northern dominions. About Śaka 1290 (A.D. 1368) Bhāskara, the younger brother of Harihara, who ruled from about A.D. 1379 to 1401, was viceroy over the country surrounding the modern Cuddapah district. Ten years later Adoni was attacked by the Muhammadans, but these were repulsed by Channappa Oḍaya, who captured and presented it to Harihara II. About A.D. 1380 Udayagiri, which was the premier province in the Vijayanagara Empire was under Devarāya I, the first son of Harihara II. This province was, during the time of the first kings almost always under the rule of the crown princes of the Vijayanagara line. During the reign of Harihara II, who started his reign with the imperial titles of *Mahārājādhirāja* and *Rājaparamēśvara*, the Tulu country, comprising the Haive and the Konkana in the western part of the Peninsula, passed into the rule of the Vijayanagara crown and formed a viceroyalty bordering on the western sea, just like Udayagiri on the eastern sea. Gove (*i.e.*, Goa), about A.D. 1395, became a dependency of this crown. Virāpāksha, the second son of Harihara I, conquered the Tūṇḍira country, (*i.e.*, Tondamanḍalam)—the country covered by the two modern Arcot districts and the Chingleput district, which had formerly been the dominion of the Pallavas and the Chōḷas successively, and presented them to his father. He was also the governor of the Penugonda province. Harihara II's reign was a brilliant one for the Vijayanagara house. Its dominions had expanded considerably and its authority over the conquered territories was maintained well by the dutiful governors of royal as well as non-royal descent.

One of the incidental dangers to the stability of a ruling family is domestic dissension. Luck is that house which is not divided in itself. Such a danger was upon the royal house after the death of Harihara II. Disputes delayed actual succession. Devarāya the legitimate heir secured it. Still attempt was made on his life. Fortunately his ubiquitous minister Lakshmīdhara, one of the type and capabilities of Timma-Araṇu the minister and parent-like councillor of the later king Kṛṣṇarāya, warded off the conspirator's stab from the royal person and averted an early stain of blood-shed on the successions of the dynasty. The fidelity of the minister was an asset to Devarāya II.

There was for him also the other asset, *viz.*, the fidelity of the provincials. Generally, important viceroalties were held, in the Vijayanagara times by members of the royal family. This was the custom under the first dynasty especially. Sons of the king held the important forts. Udayagiri had been under Bhāskara a younger brother of Harihara II. In the time of Devarāya I, Vijayarāya had the charge of the Muḷuvāyi province, while Rāmachandra Oḍaya, the eldest son of Devarāya I, ruled the Udayagiri province. No conquests were made during the reign of Vijayarāya. But in Devarāya II's time the Vijayanagara dominion was almost at its zenith. Accounts of foreign travellers, like Abdu'r-Razāk, inform us that the kings of 'Pallecote (Palemcottah), Coullao (Kollam *i.e.*, Travancore), Ceyllao (Ceylon), Peggu (Pegu), Tennaserim and many other countries paid him tribute'. His inscriptions are found almost throughout the Dravidian part of the Peninsula.

(To be continued.)

THE HISTORY OF THE NIẒĀM SHĀHĪ KINGS OF AHMADNAGAR.

By LIEUT.-COLONEL SIR WOLSELEY HAIG, K.C.I.E., C.S.I., C.M.G., C.B.E.

(Continued from p. 203.)

XCVII.—THE RENEWAL OF STRIFE BETWEEN ṢALĀBAT KHĀN AND SAYYID MURTAZĀ, AND THE RUIN OF THE LATTER.

When Ṣalābat Khān had obtained all power in the state he sent revenue collectors into Berar to collect revenue from all the *khālīṣa* lands in that province. Sayyid Murtaẓā, who could not endure Ṣalābat Khān's tenure of the office of *valī*, refused to assist or recognize the collectors in any way and returned nothing but reproaches to all their requests. Ṣalābat Khān of course showed Sayyid Murtaẓā's contumacy to the king in its darkest light and obtained an order for the arrest of Sayyid Murtaẓā, but since all the *amīrs* of Berar, and especially Khudāvand Khān, Tīr Andāz Khān and Shīr Khān, who were among the greatest of the *amīrs* of the kingdom, were devoted to the interests of Sayyid Murtaẓā, and Asad Khān also, who held the titular office of *vakīl* and *pīshvā*, was secretly in correspondence with him, to arrest him was no easy matter. But Ṣalābat Khān was considering day and night how it could be compassed.

As Asad Khān was in league with the *amīrs* of Berar, Ṣalābat Khān, in the petition which he sent to the king in this case, represented him as a partner in their guilt, and as there was nobody to carry petitions from Asad Khān, or present his case to the king, Ṣalābat Khān's statements naturally carried great weight and so enraged the king with Asad Khān that he gave Ṣalābat Khān full authority to depose him from his office.

Just now Ṣalābat Khān bethought him of a device whereby he could sow discord between the *amīrs* of Berar. It had been customary to send all the yearly *khāl'ats* for Berar to Sayyid Murtaẓā, leaving the distribution of them to him, but this year Ṣalābat Khān caused a separate *khāl'at* to be sent to each *amīr*, each by a separate messenger, and each *amīr* was separately encouraged to hope for advancement and for the royal favour. When the *amīrs* of Berar appeared wearing their *khāl'ats* without having consulted Sayyid Murtaẓā in the matter, Sayyid Murtaẓā grew suspicious of them, and the concord that had previously reigned among them was changed into discord.

Khudāvand Khān was more intimate with, and more devoted to Sayyid Murtaẓā than were any of the other *amīrs*, and he suspected that the *khāl'at* and the message which he had received with it, were a device to sow discord, and did not wear his *khāl'at* but hastened to Sayyid Murtaẓā and placed his services at his disposal. When the other *amīrs* heard

that Khudāvand Khān gone to Sayyid Murtaẓā and p'aced his services at his disposal they all hastened to follow his example, and assembled before the town of Bālāpūr where they were invested with the royal *khāl'ats* by Sayyid Murtaẓā and, at the instigation of Khudāvand Khān, renewed their engagements with Sayyid Murtaẓā, agreeing to join him in opposing Ṣalābat Khān and to consider how the latter could best be overthrown before he could perfect plans against which they would be unable to contend.

It was now the rainy season, and it rained heavily daily, from morning until evening, so that movements of troops were not to be thought of. The *amīrs* therefore, after consulting together, decided to disperse to their own districts and there to employ themselves in preparing their forces for war, so that when Canopus should rise and the rains should cease they might march with one accord against those who stirred up strife in the kingdom.

When Ṣalābat Khān heard of the confederacy of the *amīrs* and of the renewal of the bond between them he was much perturbed and took counsel with his intimates as to the best means of meeting this difficulty.

At this time the king expressed a desire to visit the palace and garden of Aḥmadnagar, which was known as Baghdād, and on Ṣafar 2, A.H. 992 (Feb. 14, 1584) he left the old garden of the watercourse, in which he had lived in complete retirement for nearly twelve years, as some say, for the citadel of Aḥmadnagar and inspected the palace and buildings of the city. The king had never seen the beautiful garden known as the watercourse of Ni'mat Khān, since its completion, and he therefore turned to it, to inspect it. It so happened that the water channel which conveyed water to that garden and garden house had burst and flooded the whole garden and the king remained no longer than one night in that dwelling, but went on to the garden of the 'Ibādatkhāna, which was one of the buildings of his reign. There he stayed for nearly a week, and thence he went on to the village of Manjaresnasituate in a valley full of beautiful springs and covered with verdure, with fountains springing from the green hill side. Ṣalābat Khān had artificial tanks formed both in the valley and on the hill tops, and in them fountains played, and the tanks were surrounded by beautiful buildings. Without exaggeration the village is one of the best worthseeing in the world and there can be few so pleasant in the world.²⁶⁵

The king, after enjoying himself both bodily and spiritually in this place, returned to Aḥmadnagar and having completed his tour of all the fine buildings and gardens around the capital, turned his attention to sensual pleasures and inquired after several of the attendants of the *haram*. He then ordered the dancing girls of the city to be sent for, and some were selected for the royal service, among them one named Tuljī, who was one of the most beautiful women in the world, and bold and alluring, and who was distinguished above her fellows by the receipt of special marks of the royal favour.

At this time Ṣalābat Khān entirely deprived Asad Khān of all power in the administration and became absolute. When the royal command that the prince of the age²⁶⁶ should remain in the village of Pātorī was issued, Ṣalābat Khān placed Nāsira, one of his own trusted servants, in charge of the gate of Aḥmadnagar and used occasionally to travel backwards and forwards between the city and Pātorī.

²⁶⁵ According to Firishta it was on receipt of the news that Sayyid Murtaẓā was again marching to attack him, early in 1584, that Ṣalābat Khān removed the king from the *Bāgh-i-Hasht Bihišt* first to the *Bāgh-i-Farāḥ Bakhsh* and afterwards to the Baghdād palace, where he provided him with a companion to amuse him and keep him occupied.—F. ii. 282.

²⁶⁶ Burhān-ud-dīn, afterwards Burhān Nizām Shāh II.

XCVIII.—THE CONCLUSION OF PEACE BETWEEN THE NIZÂM SHÂHÎ AND 'ÂDIL SHÂHÎ
DYNASTIES, AND THE MARRIAGE BETWEEN SHÂHZÂDA MÎRÂN SHÂH HUSAIN
AND THE SISTER OF IBRÂHÎM 'ÂDIL SHÂH II.

Before Asad Khân was deposed from the office of *vakîl* and *pîshvâ*, a sister of Muḥammad Qulî Qutb Shâh had been selected as the bride of Mîrân Husain, but after the deposition of Asad Khân, who had always cultivated the alliance with Telingâna, Ṣalâbat Khân, making the approach of the army of Telingâna his pretext,²⁶⁷ reproached Muḥammad Qulî Qutb Shâh, and set about preparing the way for a marriage between the prince and the sister of Ibrâhîm 'Âdil Shâh I, and, having obtained the king's consent thereto, he opened negotiations for the marriage. It was necessary to send an embassy to Bijâpûr for the purpose, and the officers selected were Ḥakîm Qâsim Beg, Mîrzâ Muḥammad Taqî *Vazîr-ul-Hukûmah*, and Jamshîd Khân, one of the *amîrs* of Berar. A *farmân* was sent to summon Jamshîd Khân from Berar, but as he feared artifice on the part of Ṣalâbat Khân and regarded this *farmân* as part of a plot for his undoing he hesitated to obey the summons.²⁶⁸ Ṣalâbat Khân, in order to reassure Jamshîd Khân, wrote to him and told him that he might proceed direct from Chitâpûr to Bijâpûr, and need not appear at the capital, but Jamshîd Khân was still suspicious and wrote to Sayyid Murtaẓâ and all the *amîrs* of Berar, instigating them to rise against Ṣalâbat Khân. The *amîrs*, in accordance with their former bond, marched from their districts with all their troops and assembled at Chitâpûr, which was the *jâgîr* of Jamshîd Khân. Sayyid Murtaẓâ also marched from Bâlapûr, which was his capital, in the middle of Shawwâl,²⁶⁹ with all his troops and encamped before Chitâpûr. The *amîrs* of Berar, being now all met together at Chitâpûr, with a large and united army, renewed their engagements each with the others, and Sayyid Murtaẓâ, with the assent of the rest, raised the *vazîr* Mîrzâ Husain Isfahânî, who had been appointed by the king *vazîr* of the whole of Berar, to the rank of *amîr*, assigned the Elichpûr district to him in *jâgîr* and entrusted the protection of Berar to him and Chaghataî Khân, who both marched from Chitâpûr back to Berar and entered upon their duties. The rest of the *amîrs* then marched with their armies towards the capital.

When the news of the advance of the *amîrs* of Berar was received in Ahmadnagar, Ṣalâbat Khân set about preparing the royal army for the field, and calling upon the *amîrs* and the officers of the army to swear fidelity to him. Many of the principal men of the army, who were outwardly partisans of Ṣalâbat Khân secretly sent messages to Sayyid Murtaẓâ, promising that when the *amîrs* were face to face they would desert Ṣalâbat Khân and join the army of Berar, and so co-operate with it in the attempt to overthrow Ṣalâbat Khân. Some even, such as Mîrzâ Yâdgâr and Shâhvardî Khân, openly broke with Ṣalâbat Khân before the near approach of the army of Berar and left Ahmadnagar to join Sayyid Murtaẓâ. But since it had been eternally decreed that the army of Berar, which was in truth in rebellion against its lord and master, should be defeated and flee, their strength and numbers availed them nothing, for victory depends on the will of God and not on numbers.

The *amîrs* of Berar, with their great army, reached the pass of Jeûr,²⁷⁰ which is two leagues from the city of Ahmadnagar, on Zî-l-Hijjah 5, in the year above mentioned, (Dec. 8, A.D. 1584) and encamped there for that night. On the next day, Zî-l-Hijjah 6, they lay

²⁶⁷ It is not quite clear how this can have been made a pretext for breaking off negotiations with Golconda, unless the army of that State were menacing the frontier. No such movement is recorded.

²⁶⁸ Firishhta gives a slightly different account of this affair. See note 263.

²⁶⁹ October, 1584.

²⁷⁰ Jeûr, in 19° 18' N. and 74° 49' E. about thirteen miles north-east of Ahmadnagar.

in their camp, expecting no attack and utterly unprepared for battle, having neglected all ordinary military precautions, when Ṣalābat Khān suddenly surrounded the hills on which they were encamped with the royal army, elephants and artillery. The *amīrs* of Berar, completely surprised, hurriedly armed themselves and mounted their horses in great confusion and drew up their troops as best they might to meet the royal army.²⁷¹ The conflict then began with artillery fire. Khudāvand Khān, who commanded the left wing of the army of Berar, boldly charged the right wing of the royal army, which was commanded by Bihzād-ul-Mulk, and at the first onslaught threw it into confusion. Bihzād-ul-Mulk was wounded and his troops were dispersed. The household troops, who had agreed to support Sayyid Murtaẓā against Ṣalābat Khān made the defeat of Bihzād-ul-Mulk's wing a pretext for flight, and carried off prince Mīrān Ḥusain with them. Jamshīd Khān, who commanded the advanced guard of the army of Berar, when he saw Khudāvand Khān's success against Bihzād-ul-Mulk, led his troops on to attack the advanced guard of the royal army, which was commanded by Ṣalābat Khān, but he had scarcely reached the enemy when his horse was shot under him. He tried to reach another horse in order to mount it, but a swordsman so wounded him in both legs that he could not move and was made a prisoner by the royal army. The advanced guard under Ṣalābat Khān then charged and drove back Jamshīd's troops and fell on the corps commanded by Tīr Andāz Khān and Shīr Khān and dispersed them. The left wing of the royal army and the right wing of the army of Berar had now closed and were so intermingled that friend could not be distinguished from foe. Ṣalābat Khān now, with a picked force and several elephants, attacked the troops under the immediate command of Sayyid Murtaẓā, and threw them into confusion. Sayyid Murtaẓā made every attempt to rally his men, but they could not respond and Sayyid Murtaẓā was compelled to flee. When Khudāvand Khān returned from his successful attack on the right wing of the royal army, he found the army of Berar dispersed and was himself compelled to flee.

The army of Berar, overconfident in its great strength, made no account of Ṣalābat Khān and at length their treachery to their king and their own foolish pride led to their defeat and overthrow, and they were driven into exile.

The royal army pursued the army of Berar and took much spoil, including horses, elephants, beautiful maidservants and slave boys, gold, jewels, and all sorts of valuable property and stuffs. Ṣalābat Khān, having been granted by God so great a victory, returned thanks to the giver of victory and ordered the troops under his command to interfere in no way with the property or women of the inhabitants of Berar, and to slay none, but to send any who might be captured to a place of safety.

In this dreadful battle no famous man of valour was slain, save Shāhvardi Khān, who had deserted from the royal army to Sayyid Murtaẓā and Bahrām Khān, who was wounded with a spear by one of the elephants of his own army. The army of Berar having dispersed and fled, Ṣalābat Khān did not pursue them in person, but told off a body of *Kolīs* for that purpose, and himself returned to court with the prince Mīrān Ḥusain.

Mīrak Mu'īn, who was at that time Sayyid Murtaẓā's agent and representative at court, on the day on which the battle was fought took every precaution to ensure his own safety and having promised the body of infantry placed at his disposal by Sayyid Murtaẓā, large pay and rewards, persuaded them that the *amīr-ul-umarā* was victorious and had defeated the army of Ṣalābat Khān. He ordered them to protect their own quarters from the mob until

²⁷¹ This is a much more detailed account of the battle of Jeūr than that given by Firishta (ii. 282).

the army of Berar arrived, when they would be rewarded. The soldiers believed what Mirak Mu'in told them and armed themselves for battle. Naşir Khân, with a large force of cavalry and infantry surrounded their quarters and a fight ensued. The Berar infantry, ignorant of the flight of the *amîrs*, bravely defended their quarters, keeping off the attacking force with spears and arrows. While the combat was at its height, Mirak Mu'in fled by a secret way to the house of one of his friends who lived near, then changed his clothes and fled, in the guise of a *faqîr*, and joined Sayyid Murtaẓâ's arm.

Mirzâ Husain and Chaghatâi Khân had been left to protect the country and Mirzâ Husain had not yet heard of the defeat and flight of the *amîrs*, when Chaghatâi Khân, on the pretext of bringing his family, left him at Elichpûr and went to his own *jâgîr*. Meanwhile news of the flight of the *amîrs* had reached the kotwal of the fort of Gâwîl, who, assembling the whole garrison of the fortress to oppose Mirzâ Husain came forth from the fort. In the morning, while Mirzâ Husain and his army had still no inkling of the enemy's design, the defeated army of Berar appeared and Mirzâ Husain and his immediate companions mounted in great confusion and prepared for battle.

A body of the *amîrs* of the Dakan who had been told off to assist Mirzâ Husain came up in the rear and thus surrounded Mirzâ Husain, whom they put to death. Mirzâ Husain's brother, Mirzâ Hasan, extricated himself from his perilous position with great difficulty and joined Chaghatâi Khân. The two men fled together to Burhânpûr, believing that they would thus save themselves from impending calamity, forgetting that all things are ordered by fate. When they arrived at the environs of Burhânpûr they were met by a force which had been sent by the ruler of Khândesh to seize them, and these men arrested Chaghatâi Khân and Mirzâ Hasan and plundered all their property.

Sayyid Murtaẓâ and the rest of the *amîrs* of Berar, after fleeing from the field, reached the town of Paithan where they were joined by about 10,000 horse, who came in from all sides, so that they were numerically a strong army but they were so disorganized and demoralized by fear and panic that they halted nowhere, and could not make a stand even against the contemptible force (of Kolis) which had been sent off to pursue them, but fled straight on to Burhânpûr. When they reached Burhânpûr they placed reliance on the friendship of its ruler for them and considered themselves safe from their enemies and halted in that country in all confidence, but the Sultân of Khândesh, altogether forgetting his former friendship with them, sent a force to attack them. The *amîrs* of Berar were halted and were carelessly taking their ease when they discerned the approaching army of Burhânpûr afar off. Sayyid Murtaẓâ, who over eighty years of age and had suffered much in his flight through Berar had no longer the power to flee and resolved to remain where he was and surrender himself to the attacking force, and gave his army leave to disperse. Khundâvand Khân's brave spirit could not endure this and he therefore compelled Sayyid Murtaẓâ, against his will, to mount, and with the help of Shîr Khân, Tîr Andâz-Khân, Chandâ Khân, and several soldiers, carried him away from his position of peril. The rest of the property of the army of Berar, horses, and elephants, which had escaped Şalâbat Khân's army, now fell into the hands of the army of Burhânpûr.

After this Bahri Khân, having obtained a safe conduct from Şalâbat Khân, hastened to the capital.

Sayyid Murtaẓâ and the other *amîrs* fled from Burhânpûr towards Karkâwan, which is a dependency of the dominions of Akbar Pâdshâh, halting not for three days in their fear of the army of Burhânpûr. They suffered much before they reached Karkâwan, but, having arrived there, took some rest and proceeded towards Akbar's capital, which they reached in due course.

After this signal victory *Ṣalābat Khān*'s power and influence in the office of *vakil* was greatly increased, and when he had disposed of the *amīrs* of Berar, he deposed Asad *Khān* altogether both from the office of *vakil* and the rank of *amīrs*, and imprisoned him in the fortress of Jond. He then took into his own hands all power in the state. He appointed *Mirzā Ṣādiq Urdūbādī Rāi*, one of his faithful friends, as his deputy for the settlement of certain civil and revenue questions.

At this time the king issued an order for the execution of the prince *Mirzā Husain*,²⁷² for the astrologers had represented to the king that the prince would be the cause of his ruin and would even attack the royal person. For this reason the king was ever endeavouring to compass the prince's death, and issuing farmans ordering his execution. *Ṣalābat Khān*, however, hesitated to carry out these orders and shewed great negligence in the matter of bringing the prince to execution.

In the end the prophecies of the astrologers were verified and this prince was the cause of the ruin of his dynasty, as will shortly be shown.

When the royal order for the execution of the prince was issued, *Ṣalābat Khān* represented that the prince was so unwell that it was possible that his sickness would be fatal, and that the king would thus be relieved of all anxiety. This answer so enraged the king that he came near to dismissing *Ṣalābat Khān*, and this was the first breach in the foundation of *Ṣalābat Khān*'s power and influence.

Sayyid *Murtaẓā* and the other *amīrs*, when they reached Akbar's capital, were admitted to an audience,²⁷³ and Akbar, who had long been cogitating the conquest of the Dakan, regarded the arrival of Sayyid *Murtaẓā* and the other *amīrs*, who were among the greatest men of that country, as an evidence of good fortune and prestige, and his ambition of conquest was renewed. He now appointed the pillar of his kingdom, *Mirzā 'Aziz Kūka*,²⁷⁴ who was at that time governor of the province of Mālwa, to the command of this great expedition and having bestowed honours and favours on *Murtaẓā* and the other *amīrs*, appointed them and other highly placed *amīrs* and *khāns* of his own court to an army to be placed under the orders of *Mirzā 'Aziz Kūka*. This army marched from the capital to Mālwa and joined *Mirzā 'Aziz Kūka*. The imperial forces then marched to the town of *Hindiya* which is at the junction of the frontiers of Mālwa, *Burhānpūr*, and the Dakan and encamped there. The victorious *Ṣāhib Qirān* (*Burhān Nizām Shāh*) was at that time one of the *amīrs* of Akbar's court and was sent to the assistance of this army.

When *Ṣalābat Khān* heard of the approach of the imperial army, he reported the matter to the king, and the king ordered that the army of Berar, strengthened and reinforced by other *amīrs* with their contingents, should march to oppose the imperial army. The Sayyid, *Āṣaf Jāh Mirzā Muḥammad Taqī*, *vazīr* of the kingdom (province) was appointed to the command of this army, and was sent to Berar, and the prince, *Mirzā Husain*, was allowed to depart,

²⁷² Firishṭa does not mention this sentence of death passed on prince Husain.

²⁷³ Sayyid *Murtaẓā* and the *amīrs* of Berar were presented at Akbar's court on the Nawūz festival (March 21, 1585).

²⁷⁴ *Khān-i-A'zam*, Akbar's foster brother. This proposed invasion of the Dakan dwindled into an abortive raid into Berar, whence the invaders were compelled to retreat in haste, almost to flee, into Gujarāt. The failure of the expedition was largely due to the insubordination of the *amīrs* of Mālwa, and especially of *Shihāb-ud-dīn Aḥmad Khān*, *jāgirdār* of Ujjain, who had formerly been governor of Mālwa and had been implicated in the murder of *Khān-i-A'zam*'s father, *Shams-ud-dīn Muḥammad Atgah Khān*. Nothing would induce *Shihāb-ud-dīn Aḥmad Khān* to co-operate with the *Khān-i-A'zam*. He withdrew to Ujjain and was with difficulty prevailed upon to refrain from marching against the governor. —A.N., A.A., T.A., Bud., F.

with a body of troops, to Daulatâbâd. Mîrzâ Muḥammad Taqî hastened to join the army to which he had been appointed and then busied himself in preparing it for battle. He then, having brought the army to a high degree of discipline, marched to the borders of Burhanpur.

The army of the Dakan then encamped on the banks of the Tâptî, which flows by the city of Burhânpûr. The ruler of Khândesh, who had agreed to oppose the advance of Akbar's army, sent several of his *amîrs* to see the *amîrs* of the Dakan and to renew his treaties and engagements with them.

In the meantime the learned Shâh Fathullâh Shîrâzî, who was Akbar's *vakîl*, arrived at Asîr with a royal robe of honour. The ruler of Khândesh, who was openly obedient to Akbar, received him with all honour and treated him with all courtesy, but the next day he sent a messenger to tell him that the army of the Dakan had arrived in Khândesh for the purpose of making a night attack on Shâh Fathullâh's escort, and that he was not strong enough to prevent them from doing so. Shâh Fathullâh was much perturbed by this news and fled that night. By daylight he had reached Gondwâra,²⁷⁵ and thence he fled in all haste and joined the army of Mîrzâ Âzîz Kûka. Mîrzâ 'Azîz Kûka was much displeased with Shâh Fathullâh for having fled,—so much so that Shâh Fathullâh found it impossible to remain with his army and therefore fled, with the troops which had been told off as his, to Gujarât.

When the army of the Dakan heard of the flight of Shâh Fathullâh and of his quarrel with Mîrzâ 'Azîz Kûka, they regarded these events as earnest of victory and marched on Hindiya.²⁷⁶

When spies informed Mîrzâ 'Azîz Kûka of the approach of the army of the Dakan, he called a council of his *amîrs*, and the conclusion at which they arrived was that the army of the Dakan was so strong that a battle with it should be avoided. The imperial army then, under the advice and guidance of Sayyid Murtaẓâ and the *amîrs* of Berar, made for Elichpûr, which is the capital of Berar, by way of Gondwâra, and on their arrival in the environs of Elichpûr, turned the day of the inhabitants of that city into night. They reached the environs of the city on a market day, when the inhabitants of the country round were bringing in their merchandise, and they plundered everything and burnt the place, levelling to the ground in the twinkling of an eye a city which had just before excelled Cairo and Damascus in population and prosperity.²⁷⁷ They seized women and children and made prisoners of all whom they caught and bound them, making no distinction between Musalman and misbeliever. After plundering and wasting Elichpûr, the imperial army marched on to Bâlâpûr. Thence Khudâvand Khân went on to Malkâpûr and Rohankhed, which had been his *jâgîr*, and collected thence all the treasures which had been stored up in the period of his governorship, and then rejoined the imperial army.

When the army of the Dakan arrived at Hindiya, they learnt that the imperial army had invaded Berar. They therefore plundered and burnt Hindiya and then hastened back in all haste on the trail of the enemy. It was breakfast time when the Nizâm Shâhî army was sighted by the imperial army and the latter were so overcome with fear that there was no

²⁷⁵ The Sâtpûra Hills, i.e., the country of the Korkûs, not of the Gouds.

²⁷⁶ Khân-i-A'zam had already left Hindiya. He had captured the fort of Sâvoligârḥ from Nâhar Râo, a refractory Hindu, and had undertaken an expedition to Kherla, which was disastrous to the horses of his cavalry.

²⁷⁷ The imperial troops sacked Elichpûr on March 20, 1586—A.N.

question of their withstanding the Dakanis,²⁷⁸ and Mirzâ 'Azîz Kûka, who had been led into this trouble by the *amîrs* of Berar, gave up all thought of fighting and acquiring honor, and fled. He fled in such haste and confusion that he was forced to blind and leave behind him some elephants which had accompanied him on his forced march, and were now unfit to take the road. He then fled towards Sultân-pûr and Nandûrbâr. The Nizâm Shâhî army closely pursued the imperial army, halting daily where the imperial army had halted the day before, but not venturing to engage them, until they reached the confines of Sultân-pûr and Nandûrbâr.²⁷⁹ When these were reached Mirzâ 'Azîz Kûka left his army on the borders of Sultân-pûr, while he marched rapidly in light order to Gujarât. The imperial army and the Nizâm Shâhî army lay over against one another on the Sultân-pûr border until Mirzâ 'Azîz Kûka returned from Gujarât and retreated with his army to Ujjain, and the army of the Dakan then left the frontier and returned to the capital. It was in truth by God's blessing that the Nizâm Shâhî army was enabled, in the king's absence, successfully to oppose the imperial army of Dihlî, which had overrun so many countries and ruined so many kings.

(To be continued.)

MISCELLANEA.

ON SOME PASSAGES IN THE HARṢACARITA OF BĀṆA.

In the sixth chapter, nineteenth paragraph of Bāṇa's Harṣacarita, there is a sentence which stands thus :

आश्चर्यं कुतूहली च [चण्डीपति] दण्डोपनत
यवननिमित्तेन नमस्तज्जयायिना यन्त्रयायिनानीयत कापि
काकवर्णः शैशुनागि नगरोपकण्ठे कण्ठस्थश्च निचक्रे
निस्त्रिंसेन

Messrs. Cowell and Thomas have translated this passage thus (page 193) :—

"Kākavarṇa being curious of marvels was carried away, no one knows whither, on an artificial aerial car made by a Yavana condemned to death. The son of Śiśunāga had a dagger thrust into his throat in the vicinity of his city".

They have treated it as two separate sentences under the impression that Kākavarṇa and son of Śiśunāga were two different persons. The Nirṇaya-sāgara Press edition of 1897 (page 199), and the edition of S. D. Gajendragadkar and A. B. Gajendragadkar of 1919 (?) also divide the passage into two sentences, introducing one चण्डीपति who is not mentioned in any of Führer's manuscripts. Then again शैशुनरि is the reading of all the three editions. Messrs. Cowell and Thomas rightly take it to be शैशुनागि, a reading which is found in three of Führer's manuscripts A, B, and D, (page 269).

A reference to the original Sanskrit will make it clear that Skandagupta, the commandant of the elephant troops of Harṣa was relating to his young master, instances of disasters to kings, caused by their own follies, giving one instance in each separate sentence. Hence Messrs. Cowell and Thomas have erred in treating Kākavarṇa and the son of Śiśunāga as different persons. We are sure that they had before them an edition of Harṣacarita which had the passage in question in the following wrong form :

आश्चर्यं कुतूहली च दण्डोपनतयवननिमित्तेन नमस्त-
ज्यायिना यन्त्रयायिनानीयत कापि काकवर्णः । शैशुनागिश्च
नगरोपकण्ठे कण्ठे निचक्रे निस्त्रिंसेन ।

This is the reading in Gajendragadkar's edition, whereas the Nirṇayasāgar edition has the full stop after कापि.

Here it is to be noticed that there is a full stop between काकवर्णः and शैशुनागि with the letter च joined to the latter. This is the reason of their confusion. It is a well known fact to the historian of India that Kākavarṇa was the son of Śiśunāga, and the second king of the dynasty founded by him. A reference to the Purāṇic list of kings of the Śiśunāga dynasty, as given in Pargiter's text, will remove all doubt. Compare also Bhāgabatā Purāṇ (XII, 1, 4), and Vincent Smith's early History of India on the chronology of the Śiśunāga and Nanda Dynasties given in a tabular form page 44, second edition. Hence the correct translation should be:

²⁷⁸ During the retreat of the Khān-i-A'zam an action was fought at Chāndûr (20° 53' N. and 76° 25' E.) in which the imperial troops engaged took some plunder, but their leader, 'Abdullāh Sultān Kāshghari, was slain.—A. N.

²⁷⁹ The Khān-i-A'zam reached Nandûrbâr on April 10, 1586. On reaching Aḥmadābād he nearly succeeded in persuading his brother-in-law, the Khān Khānān, to join him in an expedition to Aḥmadnagar, but the approach of the rainy season and troubles in Mālwa prevented the enterprise.—A. N.

Kākavarṇa, the son of Śiśunāga, being curious of marvels was carried away, no one knows whither, on an artificial aerial car made by a Yavana condemned to death, and his throat was cut in the vicinity of his city.

The next sentence in Harsacarita runs thus :

अतिस्त्रीसंगरतन्त्रंगपरवशं शुंगममात्यो वसुदेवो देव-
भूतिं (मि) दासीदुहिता देवी व्यञ्जनयवीतजीवित-
मकारयत् ।

This has been translated as follows : " In a frenzy of passion, the over-libidinous Śunga was, at the instance of his minister Vasudeva, reft of his life by a daughter of Devabhūti's slave woman disguised as his queen."

It is a well-known fact to the historian that Devabhūti or Devabhūmi, the last of the Śunga kings was put to death by his minister Vasudeva of the Kanva family. cf. Bhāgavata Purāṇa (XII. 1. 18).

शुंगं हत्वा देवभूतिं कण्वोऽमात्यस्तु कामिनम् ।
स्वयं करिष्यते राज्यं वसुदेवो महामतिः ॥ cf. also
Vishnu Purāṇa (IV. 24. 12.)

देवभूतिस्तु शुंगराजानं व्यसनितं तस्यैवामात्यः कण्वो
वसुदेवनामा निपात्य स्वयमवर्त्तो मोक्ता । cf. also
Matsya Purāṇa, 272, 32, 33.

आमात्यो वसुदेवस्तु वाग्यात् (वजात् ?) व्यस-
नितं नृपम् । देवभूमिमयोत्सार्य शीगस्तु (शुंगंतु)
मविता नृपः ॥

Hence देवभूतिदासीदुहिता is apparently a copyist's blunder for देवभूतिं (मि) दासीदुहिता.

In the fourth paragraph of the seventh chapter are described the gigantic preparations of Harsa-

vardhana for starting out to conquer the whole of northern India and especially to wreak vengeance on Śaśāṅka the king of Gauda. Here also Messrs. Cowell and Thomas have given us a meaningless translation by attempting to render a corrupt reading of a passage. The corrupt reading is :—

सस्तवेसरविसंवादिदीदक्षिणात्यसादिनि

This has been rendered into " The Dekkan riders disconsolately contended with fallen mules." This has very little meaning. सस्त cannot mean 'fallen,' especially when this qualifies a mule. सस्त means परिगलित, क्षरित i.e., disjoined, separated, etc., it may mean 'fallen' when this qualifies a lump of matter. So सस्तवेसर has no meaning or very little meaning. Even though we admit for the sake of argument that it may mean a 'fallen mule' the question naturally suggests itself as to why should mules fall prostrate on the ground in their preparations for departure. Then we come to विसंवादि in the above passage. The root with the prefix means 'to contend' generally; but here विसंवादि means परिशीलन as suggested by the commentator Śaṅker Miśra, and परिशीलन means " to touch, contact, treating well, patting with caressing ;" that is, " breaking in " is the real meaning here.

The correct reading would be वस्तवेसरविसंवादि
सीदक्षिणात्यसादिनि and the correct translation should be " The Dekkan riders were getting tired of breaking in the frightened mules." The above the reading of the manuscripts A, B, and T, collated by Führer.

SITA NATH PRADHAN.

BOOK-NOTICES.

DJAWA : Driemaandelijksch Tijdschrift uitgegeven door het Java-Instituut bij G. Kolff and Co. Weltevreden. Onder Redactie van Dr. Raden Ario Hoesein Djajadiningrat, J. Kats, S. Koperberg, Raden Ngabei Perbatjaraka en J. W. Teillers. Secretariaat der redactie : Kanarilaan 13, te Weltevreden, No. 1 Januari-April, 1921. 82 pp.

PROGRAMMA voor het Congres van het Java-Instituut te houden te Bandoeng van 17-19 Juni, 1921. 57 pp.

CONGRES JAVA INSTITUUT. Catalogus van de Houtsnijwerk Tentoonstelling te houdente Bandoeng van 18 tot en met 26 Juni, 1921. 36 pp.

The Java Institute, which has its seat in Surakarta, was founded in 1919. Its object is to promote the development of the native culture, in the widest sense of the word, of Java, Madura and Bali by :

(1) collecting and making accessible manifestations of Javanese culture both past and present ; (2) promoting a knowledge of and an insight into Javanese culture by congresses, exhibitions, lectures, etc.; (3) supporting all serious attempts made by others in the same direction ; (4) all other means available to the Institute, capable of advancing its objects.

The Society consists of ordinary members, honorary members, corresponding members and patrons. Societies and Institutions are eligible as members or patrons. Various activities are carried on by the Institute in furtherance of its aims. It issues a quarterly, Djawā [Java], with the object of bringing to the notice of as large a number as possible of the Javanese themselves, and of foreigners interested in the subject, hitherto unknown or not generally

known data on Javanese culture, reviews of researches on that subject published in other journals and in books, and efforts to add to the knowledge of it.

The first number, January-April, 1921, has appeared, published for the Java Institute by G. Kolff and Co., Weltevreden. It is admirably illustrated and contains articles of much interest. The first deals with a stone figure of great antiquity found in South Sumatra, the date and origin of which the author, L. C. Westenank, endeavours to fix with the aid of legend and history. He includes in his article an account and a reproduction of an inscription found in Palembang. Other original articles are concerned with the customs of the Sundanese, the drama of Java and the form of theatre best suited to its representation, various Javanese legends, the language of the school children, new lines of development for Javanese art, the songs and games of Sundanese children, and secret language in Javanese. A very full notice is given of Prof. Hazen's inaugural lecture at Leyden on Javanese literature, ancient and modern. There are besides short notices of articles in other publications on Javanese subjects and a very full classified list of books and articles on the language, geography and ethnography of Java.

The Institute has also issued a beautifully produced and illustrated programme of the Congress at Bandung, June 17-19 and a catalogue of the exhibition of wood carving held in connection with the Congress. Besides the customary speeches and debates, performances of Javanese music, dancing and drama are included in the programme.

M. J. B.

STUDIES IN PARSİ HISTORY, by SHAHPURSHAH HORMASJI HODIVALA. Principal, Bahauddin College, Junagadh. Bombay, 1920.

This stout volume of 349 pages contains a series of lectures or papers read before the Society for the Promotion of Zoroastrian Research during the last 10 years by a well-known Professor of History. It need hardly be said that they are invaluable for their purpose, the "throwing of fresh light on some dark corners of Parsi antiquities, by offering new solutions of old difficulties or unearthing facts that have hitherto escaped discovery."

Professor Hodivala's methods are after my own heart. He goes to the root of things: examines his dates from original sources, both Musalman chronicles and Hindu inscriptions bearing on his subject: studies the colophons of mediæval Avesta-Pahlavi MSS. for the history they may reveal; and finally he addresses himself to the very important subject of the true dates of the Persian *Revâqets* or Epistles of the 16th and 17th centuries. The historical importance of ascertaining the dates of these documents accurately will become obvious

to the student from the fact that the *Revâqets* were "the replies and information collected by some special messenger who had been sent, by some of the chief Parsis in India, to obtain the opinions of the Parsis in Persia, regarding certain particulars of religious practice which were duly specified in writing, or to apply for copies of MSS. which were either unknown or scarce in India." A *Revâqet* to the modern Parsi must therefore be very like what an Epistle in the New Testament is to the modern European Christian.

The question of transliteration is again becoming acute, owing to the great increase of scholarship among Orientals of various races, pronouncing the classical languages, Semitic, Aryan and Dravidian, in various ways, and to the fact that Orientalists are not even yet agreed on the subject. Practically every modern book that comes my way raises it for me. It troubles every Indian student and professor apparently, and excuses for not adhering to "uniformity" crop up in nearly every Indian scholar's writings. Each European writer goes his own way without making an excuse. This book, too, says: "It has not been possible to observe a strict uniformity in the transliteration of Oriental words and names." Alas, it never is, and yet the importance of uniformity is paramount to the makers and users of indexes, even though the Indian books are still usually lacking in that valuable addition.

Within the limits of a book-notice it is impossible to examine this important book in detail. Suffice it to say that Professor Hodivala explores his sources thoroughly wherever he finds them—Parsi, Persian, Hindu, Portuguese, English—with a fairness and a candour that makes his book one that no student of Parsi History and Chronology will be able to pass by undigested. So careful is he to sift tradition in the matter of chronology that he makes it clear that up to quite recent times the Parsi Dastur propounded the dates of the main facts of the history of his religion with the same confidence and the same amount of accuracy as did the Anglican Bishop of the present writer's boyhood. It is more than interesting to find that the traditional date of 716 A.D. for the landing of the first Parsi refugees from Muslim tyranny at Sanjân (the St. John of Lord and other early English writers in India) and of 1475 A.D. for the bringing of the holy fire to the Parsi temple at Navsâri are on a par with the 4004 B.C. for the date of Adam in the annotated Bible still in my possession from the time when I was a small boy, and won "the Bible Prize," because I could remember such dates better than the other little boys in a typically Mid-Victorian School.

• R. C. TEMPLE

INDEX.

S.A.L. stands for the Supplement, Dictionary of the South Andaman Language, Appendices I—XII, pp. 165—188.

G.D. stands for the Supplement, Geographical Dictionary of Ancient and Mediæval India, pp. 79—118.

H.R. stands for the Supplement, the Story of Hir and Rānjha, pp. 33—64.

- Abu, Mt., rite of initiation by fire on .. 117
- Abū'l-Mujāhid Muhammad Shāh, Sultan,
better known as Muhammad Tughlak .. 209
- Achdrasāgara*, an encyclopædia by Vallālasena, 156
- Adbhūtasāgara*, a work by Vallālasena, 145, 146,
148, 156, 157
- adhuna*, suggested signification of the term, 49, 50
- Adil Khān Sūr, son of Sher Shāh Sūr .. 189
- 'Adil Shāhī and Nizām Shāhī dynasties .. 237
- Adrichem, Dirck van, director of Surat, in 1664,
1, 2
- Advaiti, Mālvā 218
- Afzal Khān Shirāzi, *vakīl* and *pīshvā* of Bija-
pūr 69, 125 n.
- Āgamas*, manuals of teaching, used by certain
Saiva Sects 36
- Agni-kund, the, on Mt. Abu 117
- Āhdrasāgara*, an encyclopædia by Vallāla-
sena 156
- Ahmadnagar, History of the Nizām Shāhī
Kings of. See "History of the Nizām
Shāhī Kings of Ahmadnagar."
- Aikya, stage VI in the Vīra Śaiva system, 7, 57
- Ajmer, raided by the Mers 113
- Akbar, classification of cultivable lands under,
76, 191; conquest of Gujarāt by, 80;
birthplace of, 185, 187; connection of,
with Ahmadnagar, in the reign of Murṭāza
Nizām Shāh I 202, 239—241
- Akhenaten, K., built Ethiopia 137
- Akkadian language 121, 122
- Alā'u'ddin Khilji, 80; military administration
of, 190, 191; in S. India, 152, 206—208, 230
- Alcarnenes, statue of Hecate by 144
- Alexander the Great, effect on coinage of India, 142
- 'Alī Adil Shāh I, of Bijāpūr, connection of,
with Ahmadnagar in the reign of Murṭāza
Nizām Shāh I 30, 67, 68, 127
- 'Alī Barīd Shāh of Bidār, relations of, with
Ahmadnagar in the reign of Murṭāza Nizām
Shāh I 30, 31, 67, 68
- almorreimas*, Port., hæmorrhoids 111
- Al-Sultān-al-Adil, a title of Sher Shāh Sūr .. 184
- Amadabath, Ahmadabad 1, 2
- Amarāvati Sculptures in the Colombo Museum,
note on one of the 111
- Amarkot, birthplace of Akbar 185, 187
- amīn*, official under Sher Shāh Sūr .. 186, 190
- Amir-ul-Umara, of Berar. See Murṭazā Sayyid.
- Ammon, temple of, at Meroe 136
- Amnesty for European fugitives 184
- amṛta-garbha*, ceremony 211
- Amsterdam*, the ship 2
- Anaietchan. See Adrichem.
- Ānaimalai temple inscription 216, 217
- Ānanda, connection with the Bhikkunīs .. 227
- Ānanda Temple, Pagan 40
- Anantavarma, inscription of 76
- Ānarta, identification of 218
- Anathapur, Penugonda 233
- Ancient India*, by Professor U. N. Ball, M.A.,
(book-notice) 148—152
- Andaman Language. See South Andaman
Language.
- Andhra, co., under the E. Chālukyas, 230; un-
der the Kakatiyas of Orangal 232
- Andrews, Mr. Robert, proposed a treaty with
the king of Kandy 131
- Anhel, legendary ancestor of the Mers of
Merwara 114
- Aniruddha, author of the *Hāralatā*, and of
the *Karmopadeśinīpaddhati*, identified with
Bhatta Aniruddha "of Varendī" 146
- Annals of the Bhandarkar Institute*, Vol. II,
pt. 2, (book-notice) 40
- Anūp, legendary ancestor of the Mers of Mer-
wara 114
- Anūpa, territory of Kārtavīrya 218—221
- Apabhraṃśa *Stabakas* of Rāma-Śarman
(Tarkavāgīśa) 13—20, 21—28
- Arabic History of Gujarat*, Vol. II, edited by
Sir E. Denison Ross, (book-notice) .. 80
- Arabs, early trading communities of, on E.
Coast of India 205, 210
- Arāvalī Hills, home of the Mers of Merwara,
113, 114

- Arjuna, Kartavīrya, king of the Haihaya .. 217
- Aryans, of N. W. India, ancestors of the .. 133
- Aryāvarta, in the *Mahābhārata* times .. 218
- Asad Khān, Gujarātī, of Georgian origin, in the service of Murṭazā Nizām Shāh I, 29—32, 34—36, 66, 67, 69, 202, 236, 237—240
- ascetics, female 225, 226
- Asia Minor, evidence of the Hittites in, 123, 124, 133; metal mines of, attract Babylonian kings, 134; Sargon's campaign against, 135
- Asia, Western, New Light from, 119—125, 133—137
- Assur, excavations and discoveries in, 125, 133—136
- Assyria, inscriptions, etc., from, 120, 124, 125; conquest of Egypt by 135, 137
- Assyriology, early idea of, 120; Berlin Chair of, 121, 122
- astaprud*, a weight 140
- Astronomical Instruments in the Delhi Museum*, by G. R. Kaye, (book-notice) 132
- Āsvaghosha, evidence for, and against, Kālidāsa's imitation of 196
- atitā-rājya*, interpretation of the term, and the date of Lakshmanasena, 154, 155; suggested synonyms for 155, 156
- Avantī, 192, 195; identified 218, 219
- ayas*, meaning of 140
- Āy-vel, the Āy kings of Nānjīnād, referred to in the Velvi-Kuḍi plates 214, 215
- Bābur, Emperor, Sher Shāh Sūr's connection with, 163; death of 164, 179, 180
- Babylonia, inscriptions of, 120, 124; language, etc., 121, 122, 125; attacks Asia Minor, 134, 135
- Bādāmi, Vatapi, 229; Udayar inscriptions at 233
- Bahādur Shāh of Gujarāt, Humayun's campaign against, 180; death of 181
- Bahār Khān Lohānī, Governor of Bihar, afterwards Sultan Muhammad, protector of Sher Shāh Sūr 163
- Bāhmanis, of Kulbarga, 211; independence of, 232
- Bakhtiyar Khiljī, and Lakshmanasena, dates of 145
- Bakkar, Sind, Sher Shāh Sūr's issue of coins at, 188; flight of Humāyūn to 185, 187
- Balban dynasty of Bengal 209
- Bāna's *Harsacarita*, notes on some passages in, 242
- Bārgad inscription 78
- banjar*, signification of 76
- Barars, a Mer Clan 114
- Bārgis, Marāthās 129
- Barrackpur plate of Vijayasena, reference to Vallasena in the 147, 153, 157, 158
- Basava, leader and probably founder of the Śaiva or Līngāyat Sect, *Vachanas* attributed to 7—12, 36—40, 54—57
- Beilpaars Raadja. See Bhilāpār.
- Belabo inscription of Bhojavarmā 157
- Bell, Francis, attempts suicide at Porto Novo 152
- Bel-Merodach temple, Babylon, early miracle play in 136
- Belpār. See Bhilāpār.
- Benares, captured by Sher Shāh Sūr 163, 183
- Bencoolen 60
- Bengal, invaded by Sher Shāh Sūr, 180; conquered, 182—184; and administered, 186, 190; invaded by Sultān Ghiyāsu'ddin 209
- Berar, connection of Aḥmadnagar with, in the reign of Murṭazā Nizām Shāh I, 30, 202, 235—238
- Bhāgalpur copperplate inscription 78
- Bhakkār. See Bakkar.
- Bhakti, stage I in the Vira Śaiva system, 7—12, 36
- Bhāmaha, recognised as an authority by both schools of Prakrit philology 13
- Bhāskara, Udayar, territory of 234, 235
- Bhatarka, Mer chief, conquered Vallabhīpur .. 118
- Bhaṭṭa Aniruddha "of Varendi," *guru* to Vallālasena 146
- Bhaṭṭa Bhāvadēva, *Smṛiti* writer, minister to Harivarmā 153, 154
- bhikkunīs*, Buddhist order of nuns 225—227
- Bhilāpār, S. of Baroda, chief of 6
- Bhīm Solānki, k. of Anhilvādā, possibly a Gujar 117
- Bhitāri inscription 50
- Bhojas, early home of the 218
- Bhojavarmā, copper-plates of, 153; defeated by Vijayasena, 153, 154; Belabo inscription of 157
- Bhrigu-Kachha, Broach, suggested site of the Māhishmatī of Kārtavīrya, 217, 218, 220, 221
- Bhrigus, tribe, home of 220
- bhūmicchidra*, and *bhūmischidra*, confusion between the terms, 77; various uses of, 78, 79
- Bibliography, A Provisional, of the Muhammadan Architecture of India, 81—108, 165—179
- Bidar, connection of Aḥmadnagar with, in the reign of Murṭazā Nizām Shāh I, 30, 31, 67—72
- Bihār, Sher Shāh Sūr's connection with, 163, 164, 179—184
- Bijāpūr, connection of Aḥmadnagar with, in the reign of Murṭazā Nizām Shāh I, 29n., 30, 32 n., 67—73, 125—128, 200—202, 237—242
- Bilgrām, Sher Shāh Sūr's victory over Humāyūn at 185, 186
- Bodh-Gaya inscription 154, 155

- Boghaz Keui, Hittite capital, cuneiform tablets from, 123, 124, 133—135; another name of, 134
bomb accident in the Great War 42
Boyd, Mr. Hugh, of Madras, captured by the French 132
brahmācarinis, the 225, 226
Brahmans, forest lands granted to, 77, 78; admit Mers and Gujars to their caste, 115—119; the Maga sect of, 116 n., 118; the Chitpāvan, 117; the Prathamāsākhas or Mid-day Paraiyans, 158, 159; the Thitharisagais 159
Brahma-randhra, meaning of 56
Brahmastpuri temple, identification of .. 208
brahmavādinis, female writers of hymns .. 225
Britain, and the 'Tin-land' of the Assur tablets 136
Broach, site of the Māhishmati of Kārtavīrya, 217, 218, 220, 221
Bryan, Mr., of Fort St. George, lunatic .. 152
Buddha, Gautama, representations of the conception of, 112; suggested founder of the Saṃnyāsa system for women .. 225, 226
Buddhism, 51; and Hinduism, struggle between 143, 144
Buddhist Nuns 225—227
Bukka, Udayār Chief 233
Būndī, Mer raids on 113, 114
Burhan Nizām Shāh II, claims the throne of Aḥmadnagar, 31; flight of .. 32, 236, 240
Burhān-ud-din. See Burhan Nizām Shāh II.
Burma, inscriptions found in 164
Burmese Proverbs, some 227
- Caille. See Old Kayal.
Calostra, Nicolaes, emissary from Sivāji in 1664 3
Candanā, disciple of Mahāvira 226
candra. See gold.
caste, in the Vira Śaiva system 40
Ceylon, lost historical papers relating to .. 131
chachar, meaning of 76
chakra, suggested symbolic connection with the dome 80
Chālukya. See Solānki.
Chālukyas, E., 230, 232; W. 229, 233
Champollion, Egyptologist 120
Chānd Bibi, of Bijāpūr 69 n., 125 n.
Chandos, the ship, desertion from 152
Chandra dynasty, in Vikramapura 153
Chandragupta II, attempted identification of, with the Chandragupta of the *Mudrā-Rākshasa* 49—51
Chandragupta Maurya, in the *Mudrā-Rākshasa*, 50
- Chant of Mystics, and Other Poems*, by Ameen Rihani (book-notice) 57—60
Chauhān, a stock name of the Mers of Merwārā, 114, 117, 118; now a Rajput tribe, 119
Chaunsā, Sher Shāh Sūr's victory at .. 183—185
Cheros, Sher Shāh Sūr's relations with the .. 183
Chidambaram temple, destroyed by Malik Kafūr 208
chidra, signification of the term 77
Chināhūāih, signification of the term 50
chinam, lime 60
Chitās, a Mer clan 114
Chitor, Mer conquest of, 118, 119; taken by Sher Shāh Sūr 189, 191
Chitpāvans, Brahman sept 116, 117
Chōlas, expansion of the, 230; later seats of the 231, 232
choultry, meaning of 111
Chūchak, a Syāl of Rangpūr, father of Hīr, H.R., 35, 53, 59, 62—64
Chuliars, E. Coast Muhammadans 224
Chunār, acquired by Sher Shāh Sūr, 164, 180; besieged by Humāyūn 181—183
Chūramān, Brāhman governor of Rohtās, 181, 182
Cinnamanūr inscriptions 212, 213
Coinage Indian, evolution of, before the Christian Era 139—143
coinage, regular, Sher Shāh Sūr's plan of .. 191
coins, issued by Sher Shāh Sūr at Bakkar, 188; gold and silver and copper, 191; methods of adapting previous issues of, 221; counterfeit 184
congee. See *kānji*.
copper, a holy metal, 140; relative value of, 142; in Bactrian coinage 143
Copper-plate Inscriptions. See Inscriptions—Copper-plate.
Coromandel Coast, E., early trading communities on the 205
counterfeit gold coins, measures for the suppression of 184
court-martial, punishment by 132, 152
Ḷrutasāgara, Jain Prakrit grammarian.. 52, 53
cultivators. See peasantry.
cuneiform tablets, Persian, 120—122; from Boghaz Keui, 133, 134; from Ganis .. 135
currency, in India, in early times, 140; a private enterprise, 141, 143; Bactrian, 142, 143; indefinite, abolished by Sher Shāh Sūr, 191
- Dakhshināpatha, position of 219
Dakhan, Muhammadan incursions into the, 205—211; Muhammadan viceroypalties in the, 232; Akbar's invasion of .. 240, 241

- dam*, coin introduced by Sher Shâh Sûr .. 191
- Damascus, the great mosque of 79
- Damietta, 'dimity' derived from 221
- dânaccheda*, signification of 77
- Dânasâgara*, the, a work by Vallâlasena, 145, 146, 156
- Dantivarman, k. of Kanchi, defeat of 230
- Darius, receives gold dust as tribute 141
- Dattâtreyâ, three-headed god 143, 144
- Daulatâbâd. See Deogiri.
- Decline and Fall of the Hindus*, by S. B. Mookerjee, (book-notice) 204
- Defence*, the ship, execution for piracy on board 60
- Delhi, relations of Sher Shâh Sûr with, 185, 186, 188, 207; under Muhammad Tughlak, 209, 210, 231, 232; sack of .. H.R., 61, 63
- Deogiri (Devagiri) attacked by Alâu'ddin Khiljî, 206—208; renamed Daulatabad, 209, 210, 230, 232, 241
- Deopâda Inscription 147, 148
- desertion, court-martial for, in 1689, 132; desertion at sea, punishment for in 1689 .. 152
- Devabhûti, Sunga k., murdered .. 243, 244
- Devagiri, Yâdava capital .. 230, 232, 233
- Devarâya, I, of Udayagiri, 234, 235; II, 234; inscriptions of 235
- Devendra Mahârâja, inscription of 76
- Devapâladeva, Mongyr copper-plate of, 73, 78
- Dhanantar Vaid, celebrated Hindu physician, H.R., 34
- Dhâr, allotted to the Pañwar Mers 117
- dharana*. See *puṛāṇas*.
- Dharasena, inscription of 76
- Dhido. See Rânjha.
- Dhurvarâja, inscription of 78
- Dhurvasena, inscription of 74, 77, 78
- Dictionary of the South Andaman Language. See South Andaman Language.
- Dictionary, Geographical, of Ancient and Mediæval India. See Geographical Dictionary.
- dimity, double origin of the term 221
- dimyâtî*, a fabric 221
- Dingnaga, significance of the term discussed .. 193
- Dixon, Colonel 113, 114
- Djâud*, (book-notice) 243
- Dome, the swelling, origin of 79, 80
- Domesday Books, two 152
- Dravidian India, 232, 234; inscriptions of Devarâya II in 235
- Dravya*, meaning of 142
- Dugeude Mons., French priest in Surat in 1664 5
- Dukh Bhajan Nath, name adopted by Rânjha, H.R., 34
- Dutch, the, in Surat in 1664, 1, 2; raid Porakâd, 111
- Dvada Mahârâja, inscriptions of .. 73, 78
- Dvârasamudra, subdued by the Muhammadans, 207, 210, 230; by Sundara Pândya .. 231, 233
- Dwarkâ, Kuśasthali 218
- Egypt, discoveries relating to the early history of, by Champollion, 120; by Flinders Petrie, 121; the Ethiopian dynasty of, 137; Assyrian, and other conquests of, 135, 137
- Elichpûr, destroyed 241
- Enajetchen. See Adrichem.
- Epigraphia Birmanica*, vol. II, pt. I., edited by Chas. Duroiselle, (book-notice) 40
- Epigraphia Birmanica*, vol. II, pt. II, edited by Chas. Duroiselle, (book-notice) 132
- Ethiopia, early history of 136, 137
- etymology, folk etymology, as a source of the origin of technical and commercial names 221, 222
- Evans, Sir Arthur, discoveries in Crete by .. 123
- Factor's complaint from Porakâd in 1665, 109—111
- Fakhru'ddin Ahmad bin Ibrâhimu'th Thaibî, 13th century Arab ambassador to China .. 206
- Farid, Sher Shâh Sûr 161
- Fârs, Persia proper 205
- Fath Khân Jât, of Kot Kabûlâ, robber chief, defeated by Sher Shâh Sûr 188
- Fath Malika, Afghan widow, Sher Shâh Sûr's relations with 164, 180
- Faujdar*, police officer 190
- Feringhees, reference to H.R., 43
- Fire-worship, among the Mers 116, 117
- Firishta, historian, favourite of Ibrâhim 'Adil Shâh II of Bijâpûr, on Asad Khân, 29n.; on Sâhib Khân, 29n., 30n., 31n.—33n.; on Burhân Nizâm Shâh II., 32n.; on Bijâpûr, 68n.—72n.; on Mustafâ Khân, 125n.; on Murtaẓâ Sayyid and Salâbat Khân, 202n., 236n.—238n
- Firôz Shâh Tughlak, date of 160, 191
- Folk etymology. See etymology.

- Foreigners, treatment of, in Ahmadnagar, 29—32, 125n., 201
 Forrer, Dr., Swiss Assyriologist .. 133, 134, 136
 Fort St. George, domestic government at, in 1691 .. 184
Jotāddr, civil official .. 190
 France, songs of, in Nepālī .. 63—66
 Fraser, Wm., E.I.Co's. servant .. 60, 184
- Gahlot, a stock name of the Mers, 114, 118; now included among the Rājputs .. 119
 Gakkars, of the Northern Panjab, Sher Shāh Sūr's campaign against .. 185, 188, 191
 gamblers, Panjābi, reference to the secret vocabulary of .. 222, 224
 Ganis, E. Asia Minor, discoveries at .. 135
 Garstang, Prof., discoveries relating to Ethiopia by .. 136
garita, meaning of .. 75
gata-rājya, interpretations of the term .. 154, 155
 Gauda, conquest of .. 148
 Gaur, attacked by Sher Shāh Sūr, 181—183, 186
 Gayatri, the .. 39
 Gaza, captured in the Great War .. 41, 44
 Genesis, and the Boghaz Keui tablets .. 133
 Gentues, Hindus .. 152
 Geographical Dictionary of Ancient and Medieval India .. G.D., 78—118
 Georgia, Gurjistan .. 115
 Getæ, a Mede sub-section .. 118n.
 Ghāzī Malik, early name of Sultan Ghiyasu'd-dīn Tughlak Shāh .. 209
 Ghiyasu'ddīn Balban, *mamlūk* k. of Delhi .. 206
 Ghiyasu'ddīn Tughlak Shāh, Sultan .. 209
 Ghoṣha, Vedic poetess .. 225
 Gilgames, Babylonian hero .. 134
 Goa, Gove .. 234
gō-cara, *gō-vaṭa*, meaning of .. 74
 Golcondah, relations with Ahmadnagar in the reign of Muṭṭazā Nizām Shāh I, 29, 67, 68, 70, 125, 126, 130, 131, 200, 201, 237
 gold, widely used in Vedic times, 139; various names of, 139; whence obtained, 139; coins of, 140—141; a standard of value .. 142
 Gollaguda fort, siege of .. 126
 Goths, the Getæ .. 115
 Gove, province of Vijayanagar .. 234
 Gōvinda III, Rashtrakuta, defeats the W. Chālukyas .. 230
 Gōvindachandra, suggested date of .. 153—155
 Gōvindapāla, inscription of, 76; date of, 155; defeated .. 156
 Gōvindarāja, Junāgadh Inscription of .. 78
- grāma*, signification of the term .. 73, 77
 Grantha script .. 211
 grants of land. See land system.
 Greece, Dr. Schlieman's discoveries, in .. 121
 Grigsby, (Grigbie), Alex., factor at Porakād, letter of complaint from .. 109—111
 Gujarāt, history of, 80; Gurjara settlements in, 115; ancient name of .. 218
 Gujars, Gurjars .. 115
 Gulbarga, siege of .. 129
 Gulḡr, Gollaguda .. 126
 Gupta kingdom, relations with the early Mihirās .. 115
 Gurjistan .. 115
 Gurkhas, in Palestine, during the Great War, 41—49, 64—66
- Haarlem*, the ship, at Surat, in 1664 .. 1, 2
 Habib Khan Kakar, later known as Sarmast Khān, Sher Shāh Sūr's relations with .. 163
 Habshis of India, *mamlūks* .. 80
 hæmorrhoids .. 111
 Haibat Khān Niāzi, governor of the Panjab, under Sher Shāh Sūr .. 188, 190
 Hailley's Comet .. 144
 Hāji Khān, Jāgirdār of Dhār, under Sher Shāh Sūr .. 186
halakṣetra, meaning of .. 76
 Hampe. See Pampa.
 Harapāla Deo of Deogiri, flayed alive .. 208
 Harihara, I, territory held by, 233, 234; II, titles and importance of, 234; inscriptions of .. 235
 Harita. See Gold.
 Harivarma, copper-plates of, suggested date of, 153, 154
 Harrington, John, chief at Porakād .. 109, 110
Harsacarita of Bāṇa, some passages in the .. 242
 Hartman, Abraham, merchant of Surat .. 2
 Hasan Sūr, f. of Sher Shāh Sūr .. 161
 Hastin, copper-plates of .. 77
haṭṭikā, signification of .. 73
 Hazara. See Takht Hazara.
 Hazrat-i-'ālī, applied to Sher Shāh Sūr .. 181
 Hecate, goddess, described .. 144
 Hemachandra, and Pañcācīprākṛta .. 51—54
 Hemachandra, the Pañcācī used by .. 13, 27
 Huen Tshang, on the position of Broach .. 218
 Hindiya, plundered .. 241
 Hindu Empires of India. See Vijayanagara.
 Hindu ascetics, female .. 225
 Hindu Beg, befriends Sher Shāh Sūr .. 181

- Hinduism, position of the king in, 116; and Buddhism, struggle between 143
- Hindus, object to taking the oath, 152; employed by Sher Shâh Sûr, 190; history of the, 204; of South India, policy of, towards early Muhammadan settlers, 205; plundered by Muhammadans 206—211
- Hir and Rânjhâ, the story of. See Story of Hir and Rânjhâ.
- Hira Nath, *guru* H.R., 34
- hiranya*. See gold.
- hiranya-garbha*, ceremony 214
- History of the Nizâm Shâhî kings of Ahmadnagar, (contd. from Vol. L, p. 328), the reign of Murtaẓâ Nizâm Shâh I, (continued), 29—36, 66—73, 125—131, 198—203, 235—242
- Hittites, discoveries relating to the, 123—125, 133—135
- Hopkins, Francis, condemned for piracy, 60; copy of pardon granted to 60
- horse trade, ancient, two centres of, the, 133, 205
- Hoysalas, of Dwârasamudra, plundered, by Malik Kâfûr, 207; by Muhammad Tughlak, 210, 232; fall of the, 231, 232; succeeded by the Udayârs 233
- Hoysalesvara temple, at Vikramapura 230
- hsada-prasavaṇa*, meaning of 74
- Humâyûn, Sher Shâh Sûr's relations with, 164, 180—188
- Humâyûnpûr 33, 34
- Hûnas, references to the 49—51
- huqqa*, meaning of 189
- Husain, son of Murtaẓâ Nizâm Shâh I, 29n., 202n.
- Husain Khân Tarshizi, tutor to Murtaẓâ Nizâm Shâh I 29n.
- Hyksos, the, conquer Egypt 137
- India, introduction of the double dome into, 79; entered by the Gurjaras and the Mihiras, 115; provisional bibliography of the Muhammadan Architecture of, 81—108, 165—179; importance of Sher Shâh Sûr's system in, 160, 161, 189—191; Dravidian, 232, 234, 235; South, the Advent of Islam into, 205—211; the Vijayanagara Empire in 229—235
- India, Ancient. See *Ancient India*.
- Indian Coinage. See Coinage, Indian.
- Indian history, dated, divisions of 151
- Indus, river, gold from the 139, 141
- Inscriptions—
- Achæmenian 122
- Anaimalai Temple 216, 217
- of Assyria 120, 124, 135, 137
- of Babylonia 120, 124
- Barrackpur plate of Vijayasena, 147, 153, 157, 158
- Bhitari of Skandagupta 50
- of Bhojavarmâ 153, 157
- Bodh Gaya 154
- Cuneiform 120—124, 133—135
- Cinnamanur 212
- Deôpada 147, 148
- of Devarâja II 235
- Gaya 155
- of Harihara I 235
- Hoysala 230
- Junâgâdh, of Skandagupta 50, 78
- of Khâravêla 225
- Madanapada, of Visvarupa 148n.
- Madhânagar, of Lakshmanasena 148n.
- Mandasor Pillar 50, 51
- Naihati 156
- from Palembang 244
- Râjput 117
- Sarnâth of Mahipâla 157
- near Smyrna 123
- Sonpur, of Someśvaradeva 153
- Susian 122
- Udayâr 233
- Velvi-kudi plates and the Sangam Age, 211—217
- Copper-plate—
- of Bhojavarmâ 153
- of Harivarmâ 153, 154
- of Srichandra 153
- referring to land grants 73—79
- Islam, The advent of, into South India, 205—211
- Islam, in South India, the progress of, 229, 231
- Ismâ'il Shâh, of Bijâpûr, blinded 68
- Ibrahim 'Adil Shâh I, of Bijâpûr, relations of, with Ahmadnagar in the reign of Murtaẓâ Nizâm Shâh I, 237; II, patron of Firishta, relations of, with Ahmadnagar, in the reign of Murtaẓâ Nizâm Shâh I.. .. 67, 68, 126—129
- Ibrâhîm Khân, general, campaign against Sher Shâh Sûr 180
- Ibrâhîm Lodî, character of 163
- Ibrâhîm Qutb Shâh I, of Golcondah, relations of, with Ahmadnagar in the reign of Murtaẓâ Nizâm Shâh I., 67, 68, 70, 73, 128; death of, 130, 131
- Ibrâhîm Sûr, grandfather of Sher Shâh Sûr, 161
- Ikhlas Khân, African, Amir of Ahmadnagar, 69n., 125, 126, 128
- jala*, signification of 75
- Jalâl of Bukhara, Sayyid, Pir H.R., 62

- Jalāl Khān Lohānī, Sher Shāh Sūr's relations with 163, 164, 179, 180
- Jalāl Khān Sūr, s. of Sher Shāh Sūr, campaign against the Mughals .. 181, 182, 185, 189
- Jalālu'ddīn Aḥsan Khān, general, becomes independent 210
- Jalālu'ddīn Khiljī, a Turkī *mamlūk*, k. of Delhi, murdered 206
- Jalāl-ud-dīn Muhammad Akbar Shāh. See Akbar.
- Jalālu'd-dīn Sharqī, Sultān, Sher Shāh Sūr's relations with 163
- jala-sthala*, signification of 73, 74
- Jamāl Khān Sarangkhānī, patron of Sher Shāh Sūr 161
- Jamālu'ddīn of Kish, Arab chief and horse trader 205
- Jaṅgama *guru*, the, in the Liṅgāyat sect .. 7
- Jātarūpa. See gold.
- Jatila, Parantaka, k., in the Velvi-kuḍi plate Inscription 211, 215—217
- Jats, meeting of the Mihiras and Gurjaras with the 115, 118
- Jats, character of the, H.R., 34, 59, 60; of Thatta Zahid, expel Waris Shāh .. H.R., 60
- jauhar*, of Rājput, under Sher Shāh Sūr, 187; at Kampti, under Muhammad Tughlak .. 210
- Jaunpūr, under Sher Shāh Sūr 184
- Java, Djāwā 243
- Javan, brother of Tubal 133
- Jayabhatta, inscription of 73, 77
- Jayadhvaṇa, k. of Avantī 219
- Jerusalem, stormed in the Great War .. 41, 47
- Jhang, Jhang Siāl, home of Hir, H.R., 36, 37, 56
- Jodhpur, raided by the Mers 113
- Jog philosophy, planes in H.R., 33
- Jogis, of Tilla, described by Waris Shāh, H.R., 59
- Johnson, J., of Fort St. George, dismissed .. 184
- Judæan Hills 41, 42
- Jūnāgaḍh inscription of Skandagupta 50
- Junēd Barlās, Mughal Governor of Jaunpūr. Sher Shāh Sūr's relations with .. 163, 181
- Jyotirvarmā, suggested date of .. 153, 154n.
- k., in the *Harsacarita* of Bāṇa, 242, 243
- Kalabhras, the, in the Velvi-kuḍi plates, 212, 213, 215
- Kālakūṭa, meaning of 12
- Kālapurusha, Orion 143
- Kalās Devar, Kulasekhara 231
- Kālidāsa, date of, discussed, 192—198; on the Māhishmati of Kārtavīrya 219
- Kalinga, lost by the Chōlas 230
- Kalinjar, Sher Shāh Sūr's death at 189
- Kāmak-kāṇi Isvaran Śīgan of Kōrrkai, renewal of the Velvi-kuḍi grant to 215
- Kamauli Inscription of Vaidyadeva .. 74—77
- Kampana I, territory of 233
- kanaka-garbha*, ceremony 211
- kanats*, meaning of 5
- Kānchi, Pallava capital, 229, 230; later Chōla capital 231, 232
- kand*, meaning of H.R., 37
- Kandy, treaty of alliance with, now lost, 131, 132
- kanjī*, meaning of 109
- Kannanūr, early Muhammadan settlers at, 206; attacked by Malik Kāfūr, 208; Hoy-sala capital, called Vikramapuram 230
- Kaphtor, Krete 135
- Kara Eyuk, Ganis 135
- Karka, a constellation 144
- karkūns*, clerks 190
- Karkarāja, inscription of 73, 78
- Karṇadeva, inscription of 78
- kārsha*, a copper coin 142
- kārshāpaṇa*, a silver coin 140
- Kārtavīrya, The Māhishmatī of .. 217—221
- Kasan Khangu, of Deogiri, rebel, under Muhammad Tughlak 210
- Kasavans, potters of Malabar 159
- Kaskians, home of the 133
- Kasnilos, Khasa milis 134
- Kāthiāwār, Mihiras settle in, 115; portion of the ancient Anūpa 218—221
- Kattusas, Boghaz Keui 134
- Kayal, port, seat of early horse trade .. 205
- Keppitipola, leader in the Uva rebellion of 1817—18, executed 131
- Kerma, in N. Dongola, ancient Egyptian fort 137
- Kessi, Kharrian poet 134
- Khabiri, the Hittite body-guard 134
- Khālimpur Inscription 73, 74, 78
- Khān-i-A'zam, title of Mirzā Aziz Kūka .. 202n.
- Khāravela, Inscription of, and the date of Bud-dha's death 235
- Kharri, the, emigrants from Mitanni .. 134
- Kabeiri, Khabiri 134
- kacchārāma, signification of 74
- Kadamba, Udayār conquest of 234
- Kadunkon, k. in the Velvi-kuḍi plates .. 212, 213
- kahapaṇa*, coin 141
- Kakatiyas, of Orangal, rise of the, 230; fall of the 231, 233

- Khasa-milas**, deified Hittite, k. . . . 134
- Khawās Khān**, general under Sher Shāh Sūr, 181; drowned, 182; a second of the name, 182, 183, 185, 188, 190
- Khawāspūr**, in Shāhābād, fief, held by Sher Shāh Sūr's family 161—163
- khila**, meaning of 76
- Khiljis**, the, land system of, 190, 191; incursions into S. India, 80, 152, 205, 206, 210, 230
- Khizr Khan**, plundered by Sher Shāh Sūr . . 186
- Khusrū Khān**. See **Malik Khusrū**.
- Khvājaji Fathullāh Khāshī**, Mughal ambassador to Ahmadnagar 202
- Khwāja Khizar**, god of the waters . . H.R., 62
- kilhari**, a game H.R., 39
- Kirjath Jearim**, captured in the Great War . . 41
- Kishvar Khān**, of Bijāpūr, relations with Ahmadnagar 69, 125n., 127
- Kisun Dās**, broker of Surat, plundered by Sivaji 2, 5, 6
- Knossos**, palace of, excavated 123
- Kōrrkai**, village named in the Velvi-kudi grant 212, 214, 215
- Krete**, in the Assur tablets 123, 135, 136
- kṛṣṭataḥ karṣayataḥ**, signification of . . 76, 78
- Krishnarāya**, k. 229, 234
- kṛṣṇalas**, meaning of 140
- kṣetra**, meaning of 76
- Kshatriya** caste, admission of Gurjaras and of Mers into the 115, 116
- Kṣudra**, suggested derivation of Sūdra from . . 128
- Kudalasaṅgama**, in S. Maratha co., Siva temple at 7
- Kudumi**, k., grantor of the Velvi-kudi plates, 212, 215
- Kulasékhara**, murdered 231
- Kulbūr Thāpa**, Gurkha, awarded the V.C. . . 65
- Kulōttuṅga-Chōla I**, the E. Chālukya Rajendra Chōla 152, 230
- Kundra-Śramaṇas**, female ascetics 225
- Kuṇḍikera**, Tuṇḍikera 218
- Kuryet-el-Enab**. See **Kirjath Jearim**.
- Kuśasthali**, old capital of Gujarāt 218
- Kutbu'ddīn Mubārak Shāh**, conquest of S. India by 208
- Kuyavans**, the **Kasavans** 159
- Labbāis**, of modern Ma'abar, suggestion as to the origin of the 206, 208, 210
- Laddar Deo**. See **Rudra Deo**.
- Lad Malika**, widow, of Chunār, Sher Shāh Sūr's treatment of 164
- Lakshmaṇa Samvat**, the 155, 156
- Lakshmaṇasena** and his predecessors, date of, 145—148, 153—158
- Lakshmidhara**, minister of Devāraya II . . 234
- Lakṣmidhara**, Prakrit grammarian 13, 63
- Lal Ded**. See **Lallēshwari**.
- Lallā Yogishwari**. See **Lallēshwari**.
- Lallēshwari**, poetess of Kashmir 59, 60
- Land system** in epigraphic grants 73—79
- La-sam** era 155, 156
- Layard**, discoveries in Nineveh, by 120
- Leerdam**, the ship, at Surat in 1664 . . . 1, 2, 3, 6
- lime** for building, in 1689 60
- Linguistic Studies from the Himalayas*, by the Revd. T. Grahame Bailey, (book-notice), 222—224
- List of Inscriptions Found in Burma*, pt. I, by C. Duroiselle, (book-notice) 164
- Lodis**, the, Sher Shāh Sūr's relations with, 161, 163, 164, 184
- Lohānis**, the, Sher Shāh Sūr's relations with, 163, 164, 179, 180
- Lohogarh**, fort, prison of Prince Burhān . . 31
- Lopāmudrā**, Vedic poetess 225
- Lubbays**. See **Labbāis**.
- lunar origin** of the Pāṇdyas 211
- Ma'abar**, meaning and origin of the name, 205; "half Hindu" Muhammadan settlements in, 206; Malik Kāfūr's campaign in, 206, 208, 209; rebellion of, under Muhammad Tughlak 210, 211
- Ma-bāp**, signification of 189
- Macartney**, Lord, letter to the King of Kandy . . 132
- Macassar**, the ship, at Surat, in 1664 . . . 2—5
- Madanapāda** plate, of Viśvarūpā 148
- Madanapādeva**, inscriptions of, 73, 78; defeat of 148
- Mādhānagar** plate of Lakshmaṇasena, 148n.
- Madhura-Kavi Alwār** 216
- Madhyāna** Paraiyans, the **Prathamasākha** Brahmins 158
- Madura**, 211; sack of 231
- Maghā Brahmins**, and the Mers 116n., 118
- Magha**, Mer priests 118
- Magi**, suggested connection with the **Maghā Brahmins** 116n., 118n.
- Mahābat Khān**, Sūbadār of Gujarāt, aids Surat, in 1664 2, 6n.
- Mahābhārata**, the, on the Māhishmati of Kārtavīrya 218
- Mahāhastin** the Majhgawam Inscription of . . 77
- Mahākośala**, of Hiuen Tshang 219
- Mahārāshtra**, Musālman feudatories in . . 208
- Mahāra**, low caste sect 12, 27, 40, 54

- Mahesha*, second stage, in the Vira Śaiva system .. 7, 37—40
- Māhisha, Māhishaka, and other forms. See Māhishmatī of Kartavīrya.
- Māhishmatī, the, of Kartavīrya .. 217—221
- Mahmūd Lodi, Sher Shāh Sūr's relations with .. 163, 164
- Mahmūd Shāh of Bengal, campaign against Sher Shāh Sūr .. 179—182, 186
- Maitrakas, identification of .. 115
- Maitreyī, a *Brahmavēdīnī* .. 225
- Makhdūm 'Alam of Hājipūr, ally of Sher Shāh Sūr .. 164, 179
- Malavas, the Mazhavas .. 211
- Māldev Rāthor of Marwār, relations with Sher Shāh Sūr .. 187, 188
- Malik Barid. See 'Alī Barid Shāh.
- Malik Kāfūr, campaign in S. India, 152, 206—208, 231
- Malik Khusrū, entitled Malik Naib Kāfūr, Gujarātī favourite of Kutbu'ddīn Muhārak Shāh, campaign in the Dakkan .. 208, 209
- Malik Naib Kāfūr. See Malik Khusrū.
- Malik Qumī, court poet of Murṭazā Nizām Shāh I .. 203
- Maliku'l-Islām, Jamalū'ddīn of Kish .. 205
- Māliya, copper-plate Inscription .. 73
- Mallu Khān of Mālwa, Sher Shāh Sūr's relations with .. 184, 186, 187
- Mālwa, 184; Sher Shāh Sūr's work in, 186, 187; history of, 186; or Avantī .. 218
- mamlūks, the Habshis of India. 80; dynasty of Delhi .. 206
- Mana, meaning of .. 140
- Manāwar Khān, Missionary, author of a *History of the Mers of Merwār* .. 114
- Mandasor Pillar Inscription .. 50, 51
- Mangala-rāja, in the Velvi-kudi grant .. 215
- Manjū, of Takht Hazara, f. of Rānjhā, H.R., 60
- Manmasiddhi, Siddhi-Chōla k. .. 231
- Māpillahs of Ma'abar, "half-Hindus" .. 206, 210
- Marāthās, admitted to the Kshatriya caste, 116; valour of the .. 129
- Māravarman, several of the name, in the Velvi-kudi grant .. 211, 213, 214
- Māravarman Kulasekhara I, murdered .. 207
- Mārkaṇḍēya, author of the *Prakṛta-sarvasva* .. 14
- Marra, name in the Velvi-kudi grant .. 214
- Mārran, Mārran-kāri, k., in the Velvi-kudi grant .. 214—217
- Mārranjadaiyan, k., in the Velvi-kudi grant .. 216
- Marupa, Udayar, 233; conquest of Kadamba by .. 234
- Mārwar, in Rājputānā, Sher Shāh Sūr's campaign in .. 187—189
- Marzabān. See Takiu'ddīn 'Abdu'r-Rahmān, 205
- Masnad-i-ālā-'Isā Khān, Sarwānī, supporter of Sher Shāh Sūr .. 184
- matam-astu bhavātām, signification of .. 79
- Mathurā, identification of .. 218
- Mauryan coinage in India .. 142
- Māyā, m. of Buddha, in the Amarāvati sculptures .. 112
- Mazhavas, tribe of S. India .. 211, 214
- mazārs, carriers .. 5
- Media. See Mihiristan.
- Medwar .. 115
- Mello, Martim Affonso de, ally of Mahmud Shāh, 181
- Meroe, seat of an ancient iron industry, 136; later Ethiopian capital .. 137
- Mers of Merwāra, origin and early history of the .. 113—119
- meru, a hill, suggested connection with the Mers .. 114
- Merwāra. See Mers.
- metal mines of Asia Minor .. 134
- Metanni, N. Mesopotamia, home of the Kharrī, 134
- Mewār, taken by Sher Shāh Sūr 189. See Udaipur.
- Mhairs, Mīrs .. 113
- Mid-day Paraiyans. See Prathamāsākha Brāhmanas.
- Mihir, the sun .. 116
- Mihirakula, meaning of the name .. 116n., 118
- Mihiras, the Maitrakas .. 115
- Mihireśwar, the sun-god .. 118
- Mihiristān, connection of the Mers with .. 115
- Mīlki, m. of Hir .. H.R., 59, 62, 64
- Mīr, a Gujar title .. 117
- Miracle play in Babylon, mentioned in St. Peter's first Epistle .. 136
- Mirān Shah Husain, s. of Murṭazā Nizām Shāh I .. 237, 238
- Mīr Madhī, Šafavī Sayyid, martyred .. 29
- Mīrzā 'Aziz Kūka, foster brother of Akbar, 202n., 240—242
- Mīrzā Husain, s. of Murṭazā Nizām Shāh I, sentenced to death .. 240
- Mīrzā Šādiq, Urdūbādī, wit of 'Irāq, at the court of Murṭazā Nizām Shāh I .. 36, 240
- Mitra, g. of the Mers .. 116
- Mizpah, captured in the Great War .. 41
- Mlechchha, suggested interpretation of, 49, 50
- Mohiuddin, Pīr, patron of Wāris Shāh, H.R., 60
- Monastery, the place of, in the Lingayat sect., 7
- money, current in the *Rig-veda* .. 140
- Mongyr copper-plate Inscription of Devapāla, 73, 78
- Monholi copper-plate Inscription of Madanapāladeva .. 75
- Moors object to taking the oath .. 152
- Moplahs, the Māpillahs .. 206, 210
- Morgan, dc. Susian Inscription found by, 123; other discoveries by .. 123
- mortar, for buildings, in 1689 .. 60
- Moschians, tribe, home of the .. 133
- Mṛichchhakatīka*, the play, connection with the *Mulud-Rākshasa* .. 50
- Mriga, Orion .. 143, 144
- Muayyin Khān of Hīndiā, submits to Sher Shāh Sūr .. 186

- Muehkunda, founder of a third city called Māhishmatī 220
- Mudpada, Sangama Chief 233
- Mudrā-Rākshasa*, date of the 49—51
- Mughals, Sher Shāh Sūr's relations with the, 179, 182—185; invasions of the .. 207, 209
- Muhammad Sultan, Sher Shāh Sūr's relations with 163
- Muhammad of Ghazni, conquest of S. India by, 231
- Muhammad Fakhr'u'ddin Jūnā. See Muhammad Tughlak.
- Muhammad Khān Sūr, neighbour and enemy of Sher Shāh Sūr 162, 163
- Muhammad Qulī Qutb Shāh of Golcondah. See Golcondah.
- Muhammad Tughlak, character and history of, 209, 210, 232
- Muhammadan Architecture of India, A provisional bibliography of, 81—108, 165—179
- Muhammadan invasions of S. India, 205—211; 231—234
- mul*, narcotic preparation H.R., 37
- Mullah, description of the H.R., 60
- Multān, under Sher Shāh Sūr 188
- munsif*, civil official under Sher Shāh Sūr .. 190
- muqaddam*, tax gatherer 162
- Murri, tribe, the Kharri 134
- Murṭazā Nizām Shāh I of Aḥmadnagar, reign of, (continued), 29—36, 66—73, 125—131, 198—203, 235—242; dominated by Sahib Khān, 29—33; desires to retire from the world, 33—36; the quarrel between Ṣalābat Khān and Sayyid Murṭazā, 66, 201—203, 235, 236; relations with Bijāpūr, 29, 30, 32, 67—73, 125—128, 200—202, 237—242; relations with Bidar, 30, 31, 67—72; Naldrug besieged, 69n., 71, 72, 129—131, 198—200
- Murṭazā Sabzavāri, Sayyid, of Berar, in the reign of Murṭazā Nizām Shāh I, 33n., 69, 70, 199—200
- Murṭazā Sayyid, *Amīr-ul-Mulk*, of Berar, in the reign of Murṭazā Nizām Shāh I. 30; quarrel between Sahib Khān and, 30—33; quarrel between Ṣalābat Khān and, 66—73n., 127n., 128, 130—131, 201—203, 235—242
- Muslim Pathān kings, coins used by the .. 221
- Mussalman. See Muhammadan.
- Muttra, Ahmad Shāh's invasion of H.R., 63
- Mykenac, Dr. Schlieman's discoveries in .. 121
- Nakkan-koṭri*, name in the Velvi-kuḍi grant .. 216
- Naldrug, fort, siege of, 69n., 71—73, 129—131, 198—200
- Nammālwar 216, 217
- Nandōd, Gurjara kingdom 117
- Nānyadeva of Mithilā, conquered by Vijaya-sena 147
- Napata, near Dongola, early Ethiopian capital, 137
- Nārāyaṇapāladeva, inscriptions of 73
- Narmadā, on which stood the Māhishmatī of Kārtavīrya 217, 218
- Narr-koṭran of Korrkai, Velvi-kuḍi granted to, 212
- Nasirābād, loyal during the mutiny 114
- Nāsiru'ddin Shāh, Sultān, Malik Khusrū .. 208
- Navāyats, of N.-W. Indian coast 206, 210
- Navsārī temple, sacred fire brought to 244
- Nebi Samwil, Mizpah 41
- Nedun-jadaiyan, k., in the Velvi-kuḍi grant, 215
- Nelveli, battle 212, 214
- Nepālī, specimens of, in tales of the Great War 41—49, 61—66
- Neuve-Chapelle, battle, in the Great War .. 65
- Nila, k. of Māhishmatī 219, 220
- nīrttaṭittal*, ceremony 216
- nishka*, interpretations of 140
- Nizām Shāhī Kings of Aḥmadnagar, history of. See History of the Nizām Shāhī of Aḥmadnagar.
- Nuns, Buddhist 225—227
- Nushirwān, Sassanian Emperor, suggested ancestor of the Mahārānās of Udaipur .. 118
- Nusrat Shāh of Bengal, relations with Sher Shāh Sūr 164, 179
- Oath, objection to taking the 152
- Old Kayal, factory 109—111
- Om*, sacred syllable 36n., 56n.
- Orangal (Orugallu), Kākatiya capital .. 230, 233
- Orion, suggested connection of, with Parna-sabari 143
- Orugallu. See Orangal.
- Oxenden, Sir Geo., at Surat, in 1664 .. 1, 3, 109
- Pabbajitṭa*, meaning of 225
- Pagan, Ananda Temple at 40
- Pañcāciprākṛta, and Hemachandra 51—54
- Nādir Shāh, Delhi sacked by H.R., 61
- nagara*, signification of 77
- Naiḥāti plate Inscription of Vallālasena .. 156

- Pañśaci 13
 Pāla kingdom, destroyed .. 148, 155, 156
 Pallava-malla, k., in the Velvi-kuḍi grant .. 211
 Pallavas, defeated, 215; of Kānchī, 229;
 ousted by the Vēngi dynasty .. 230, 232
 Pampa, seat of Vijayanagara power .. 234
 paṇa, a silver coin .. 142
 Pāṇḍya, name in the Velvi-kuḍi grant, 211-214, 216
 Pāṇḍyas and Chōlas, in S. India .. 231, 232
 Pāṇini, date of, connection with Buddhist
 Nuns .. 225
 Panjāb, village life in the .. H.R., 59
 Panjāb, N., Sher Shāh Sūr's campaign against
 the Gakkars of the .. 185, 189
 Panjābī gamblers, reference to secret voca-
 bulary of .. 222, 224
 Panwār, a stock name of the Mers, 114; symbolic
 figure of .. 119
 Paramēśvara Kudumi, in the Velvi-kuḍi grant, 215
 Parāntaka, Jaṭila Parāntaka, in the Velvi-
 kuḍi grant .. 211, 215
 parantī, signification of .. 76
 Paraśurāma, founder of Sūrpāraka .. 220
 pargana, unit of Administration in Sher
 Shāh Sūr's system .. 189, 190
 Pariar, a stock name of the Mers, 114, 117-119
 paribbāḥikās, ascetics .. 226, 227
 pariccheda, not satisfactorily explained .. 77
 parihāra, suggested signification of .. 74n.
 Pari Vṛājaka, Pari Vṛājika, signification of .. 226
 Parmār, symbolic figure of, 117. See Panwar.
 Parṇasabari, goddess, origin of .. 143-144
 Parsi history .. 244
 Parusha, signification of .. 9
 Patna, rebuilt by Sher Shāh Sūr .. 187
 patwārī, meaning of .. 162
 peasantry, Sher Shāh Sūr's treatment of the,
 162-164, 180, 183-185; under Firōz Shāh
 Tughlak .. 191
 pension for wound and service .. 60
 Penugonda, rise of Udayār power in .. 233
 perpetuanos, English piece-goods .. 204
 Persia, early home of the Mers, 115; sun worship
 from, 116; cuneiform inscriptions of, 120;
 home of the Parsis .. 244
 pewter table plate .. 204
 philology, Prākṛit, two schools of .. 13
 piracy, punishment for, in 1689 .. 60
 polaj, meaning of .. 76
 Porakād, on the Travancore coast, a factor's
 complaints from .. 109-111
 Porqua. See Porakad.
 Portuguese, Mahmūd Shāh helped by the .. 181
 pottery, as historical evidence, in Egypt, 121, 136
 Poverio, Capt. Clemente, wound and service
 pension granted to .. 60
 Prākkośala, possibly Mahākośala .. 219
 Prākṛit philology, two schools of .. 13
 Prākṛit dialects .. 51, 52
 prakṛiti-parihara-yukta, suggested signification of, 74
 Prākṛta-kalpataru, Prākṛit grammar by Rāma-
 śarman (Tarkavāḡiśa) .. 13, 14, 16n.
 Prākṛta-Kāmadhēnu, a lost work by Lankēśvara, 13
 Pranaliṅga, (the Liṅga in the Life) stage IV
 in the Vira Śaiva system .. 7, 55, 56
 praṇava, Om .. 56
 prasād, signification of .. 40n.
 Prasāda, (Grace), stage III in the Vira Śaiva
 system .. 7, 54
 Prathamasākha Brāhmins, or Mid-day Parai-
 yans .. 158, 159
 Pratipa, k., possibly of Kārtavīrya's line .. 219
 Pratiśṭhāsāgara, an encyclopædia by Vallāla-
 sena .. 156
 pravardhamāna, suggested signification of .. 155
 Princess, the ship .. 60
 Prithvī Rāj, legendary ancestor of the Mers .. 114
 Proverbs, Burmese .. 227
 Pulindas, the Pulindai, of Ptolemy .. 219
 Puṇḍakeśvara Temple Inscription of Vadari-
 kāśrama .. 74n.
 Purāṇas, the, on the site of Māhishmatī of
 Kārtavīrya .. 218, 219
 purāṇas, ancient coins .. 141, 142
 Pūran Mal Chauhān of Raisin, Rajput chief,
 Sher Shāh Sūr's relations with .. 186, 187
 Purūravās, name in the Velvi-kuḍi grant .. 211
 puṣpavātikā, signification of .. 74
 Qādir Shāh, title of Mallu Khān .. 184
 Qalandars, reference to the secret vocabulary of
 the .. 222, 224
 Qasāis, reference to the secret vocabulary of the,
 222, 224
 Qāsim Beg, hakim to Burhān Nizām Shāh I,
 in the reign of Murṭazā Nizām Shāh I, 202n., 237
 Qāzī Beg, vakīl and pīshvā, of Aḥmadnagar .. 29
 Qulī Khān Sūr, s. of Sher Shāh Sūr .. 184
 Rāfi'u'ddīn Safavī, Saint, and enemy to the
 Rājputās .. 187

- Raisin, fort, siege of 186, 187
 Rajādhirāja I, Chōla k., date of 230
 Rājārāja I, Chōla k., conquests of, 230; III, defeated 231
 Rājasinha, Pāndya k., in the Velvi-kuḍi grant, 211
 Rājendra-Chōla I, date of, 153; power of .. 230
 Rājputāna, home of the Mers, 113; entered by immigrants from Persia, 115; Sher Shāh Sūr's campaign in 187, 189
 Rājput inscription 117
 Rājputs, connection of the Mers of Merwārā with the, 113—119; of Raisin, relations of Sher Shāh Sūr with the 187—189
 Rāmachandra of Deogiri, attacked by Alāu'd-dīn Khiljī 206, 207
 Rāmachandra Udayār 235
 Rāmapāla, date of 153
 Rāma-Sarman (Tarkavāgiśa) the Apabhraṃsa *Stabakas* of 13—20, 21—28
 Rām Deo, Rāmachandra of Deogiri 206
 Raṅganātha Temple, near Śrīraigam, Hoy-sala inscription in the 230
 Rangpūr, birthplace of Hīr H.R., 34, 35
 Rānjha. See Story of Hīr and Rānjha.
 Rāshtrakutas and Chālukyas, at war 230
 Reisner, Dr., discoveries in Egypt by 137
Report on the Terminology and Classification of Grammar (Oriental Advisory Committee, Oxford), (book-notice) 204
Revāyats, Persian epistles 244
 Revenue, Sher Shāh Sūr's system of 190, 191
Ṛig-veda, reference to precious metals in the, 139, 140
ring, a musical instrument H.R., 36
 rivers, gold from 139
 Roemondt, Conradt. of the *Leerdam* 2, 4
 Rohtās, fort in Bihār, captured by Sher Shāh Sūr, 181—183; another of the name, in the Panjāb 186, 191
Royal Charles, the ship 109, 111
 Rudra Deo, of Wārangal, Malik Kāfūr's campaigns against 207—209
 Rūmī Khān, campaign against Sher Shāh Sūr, 181, 182
- Šāhib Khān, favourite of Murṭaẓā Nizām Shāh I., 29; rebellion of, 30; murdered, 31—33
 Šāhib Qirām, Burhān Nizām Shāh II 240
 Saida, husband of Hīr, H.R., 33—36, 43—45, 47, 50, 64
 Šairafi Sāwaji, Maulana, poet 203
 Sakiya Tope, gold films from the 141
 Sakkar-Bakkar. See Bakkar.
 Salābat Khān, favourite of Murṭaẓā Nizām Shāh I, quarrels between Murṭaẓā Sayyid and, 29—33, 66—73, 127, 128, 130, 131, 201, 202, 235—242
 Salabhā, a female ascetic 225
salākās, ancient coins 141
samadhukāmra-vanavāṭika, signification of .. 74
 Sāmālavarmā, traditional date of 153
Samvins, female ascetics 225, 226
 Sambuvarāyas, Sengini chiefs 231
samni, a game H.R., 39
 Saṃnyāsa system for women 225, 226
 Saṅgama I, Udayār, of Vijayanagara 233
saṅgama, meaning of 7
 Saṅgham Age, the, and the Velvi-Kuḍi Plates. See Velvi-kuḍi plates.
 Sanjan, first Parsi refugees at 244
 Śankar Deo, of Deogiri, defeated 206
 Sanskrit, in the Velvi-kuḍi grant 211, 216
sanyāsins, female ascetics 225, 226
 Śaraṇa, Self-surrender, stage V, in the Vira-saiva system 7, 56
 Sargon, R., campaign in Asia Minor 135
 Sargon, Babylonian high priest 135
sarkār, a division, in Sher Shāh Sūr's system, 186, 189, 190
 Sarmast Khān, Habib Khān Kakar 163
 Sarnath Inscription of Mahipāla 157
 Sāsarām, in Shāhabād, Bihār fief, held by the Sūr family, 161, 163, 164, 180, 182; burial place of Sher Shāh Sūr 189, 191
śatamāna kṛṣṇas, gold coins 140
 Sayyid 'Alī. comments on his statements regarding, Burhān Nizām Shāh, II, 32n.; Naldrug, 198n.; Akbar's embassy 202n.
 Scheil, Dr., Susian Inscription deciphered by, 122
 Schliemann, Dr., discoveries in Greco by, 121, 123
 Schrader, first professor of Assyriology in Berlin 121
 Secretariat, the, established by Sher Shāh Sūr, 190
 Seede Boy 80
 Sena, kings, of Vikramāpura, 153, destruction of, 155; chronology of 156, 158
 Sendan, R., in the Velvi-kuḍi grant 213
 Seunadeva, inscription of 73, 78
 Shāh Abū-l-Hasain, Sayyid, s. of Shāh Tāhir, 127—129
- Sabaeism, in Babylon 144
 Sabako, founder of the Ethiopian dynasty of Egypt 137
 Sacrifice, in the Liṅgāyet system 39
 Śadaiyan, k., in the Velvi-kuḍi grant 214
śadyobadhā, female ascetic 226

- Shāhbāz-Kalandar of Uch, Pir .. H.R., 62
 Shāh Haidar, s. of Shāh Tāhir, *vakil and pishvā*
 of Ahmādnagar 34, 35
 Shāh Tāhir, Saint 34
 Shāhī dynasties, five, in the S. Dakkan .. 211
 Shāhpura, Mer raids on 113
 Shakar Ganj, Saint of Pak Pattan, H.R., 60, 62
 Shālva, kingdom of the Bhojas 218
 Shekh Isma'il Sūr, later Shuja'at Khān .. 163
 Shergadh. See Bakkar.
 Sher Khān, Tiger, title of Sher Shāh Sūr .. 163
 Sher Shāh Sūr, A New View of, 160—164,
 179—184, 185—191
shiqdār, military police-officer 190
 Shiva, two views of 59
 Shuja'at Khān, Sher Shāh Sūr's relations with,
 163, 186, 190
 Siāls. See Syāls.
 Siddhis, of Kānchi, Chōja family 231
 silver, in Vedic India, 140; coins of, 141, 142;
 importation of, 141; as a standard of value,
 142; as legal tender, 142; in Bactrian
 currency 143
 Simhavishnu, k., in the Velvi-kudi grant .. 211
 Sind, Mihira settlements in, 115; Sher Shāh Sūr
 in 188
 Sivāji's Raid on Surat 1—6
 Skandagupta, the Bhitāri Inscription of, 50; the
 Junagadh Inscription of 50
 Slave kings of Delhi, correct name of the .. 206
 Smith, Antony, captured by Sivaji in 1664 .. 5
 Smyrna, Hittite rock inscription near 123
 Solānki, a sub-section of the Mers, symbolic
 figure of, 117; possibly a Gujar tribe .. 118
 Solinus, later Hittite empire mentioned by .. 133
soma, early Aryan use of 149
 Someśvara, the Sonpur plates of, 155n.; defeat
 of 231
 Songs of France, in Nepālī 63—66
 Sonpur plate Inscription of Someśvara, signi-
 fication of the term *atita rājya* in the, 155n.
 South Andaman Language, a Dictionary of the,
 Appendices V—XII S.A.L., 165—188
 Śramaṇi Savari, a female ascetic 225
 Śrichandra, copper-plate inscription of.. 153, 154n.
 Sri Harṣa, inscription of 78
 Sringeri-piṭha, joint Sangama grant to the .. 233
 star-worship 144
 Story of Hir and Rānjhā, H.R., 33—56; Epi-
 logue, H.R., 57; Appendix .. H.R., 58—64
Studies in Parsi History, by Shahpurshah Hor-
 masji Hodiwalla, (book-notice).. .. 244
stupa, and dome, connection between 79
 Suberdescham. See Mahābat Khān.
 Śūdra, derivation of 137—139
 Suffrein, French Admiral, lost letter to the
 King of Kandy from 131, 132
 Sūfis, influence, of the 57—60
 suicide, attempted in 1689, the cost of .. 152
 Sulaimān Sūr, step-brother to Sher Shāh
 Sūr 161, 163
 Sultān Muhammad, Bahar Khan Lohānī .. 163
 Sultān Sarwānī, relations of Sher Shāh Sūr
 with 180
 Sumatra, S., stone figure found in 244
 Sumerian, the language of Sumer, 121, 122, 133, 134
 Sun-god, vague ideas regarding the, 120; title
 of the deified Hittite kings 134
 Sun-worship, by the Mers, 116; centres of .. 118
 Sūndara Pāṇḍya, murders Māravarman Kula-
 śekhara I 207, 208, 231
 Sūndara Pāṇḍya II, defeats the Chōlas .. 231
 Sūrajgarh, Sher Shāh Sūr's victory at 180
 Surakarta, seat of the Java Institute 243
 Śūrasena, identification of 218
 Śurāshṭra, suggested origin of the name .. 218
 Surat, Sivāji's raid on, in 1664 1—6
 Śūrpāraka, kingdom, founded by Paraśurāma,
 220; included Bhṛigu-Kachha 221
suvarna. See gold.
 Suwadrae, of Surat, house of, destroyed in 1664, 5
 Swally 1, 2, 3, 5
 Swally Hole 3, 4
 swelling dome, origin of the 79
 Syāls, a Rajput Tribe, H.R., 47, 48, 55, 56, 62, 64
Tabaqat-i-Nasiri, date of Lakshmanasena in
 the 158
 taffeta, origin of the term 221
tāfta. See taffeta.
 Taghi, a *mamlūk*, in Gujarāt, rebellion of .. 210
 Tāj Khān, Afghan governor of Chunār, killed, 164
 Takht Hazāra, in Gujrānwālā, home of
 Rānjhā H.R., 36, 37, 64
 Taki Khān, (a Labbāi?) killed by Malik
 Khusrū 208
 Takiu'ddīn—Abdu'r-Rahmān bin Muham-
 madu'th-Thaibi, early Arab horse trader in
 India 205
tala, signification of 73, 74
 Talaing plaques, in Ananda temple, Pagan, 40, 152
talapātaka, signification of 74
 Talikota, battle of 229
 Tamizh, in the Velvi-kudi grant, 211, 212, 215
 Tanjore, later Chōla capital 231, 232

- Tāragarh, fort, Mer raids on 113
taṭaka, signification of 74
Tatta, in Sind, Humāyūn at 185, 187
Technical and Commercial Terms, multiple origin of 211
Tel-el-Amarna, cuneiform tablets of, 122; references to the Hittites in, 124, 131; on Sar-gon's campaign in Asia Minor 135
Telibinus, deified Hittite k. 134
Teliṅgāna overrun by Muhammad Tughlak, 207, 209
Tergenina. See Hecate.
Thitharisagai Brāhmans 159
Tikkana, Telugu poet, Siddhi-choḷa Minister 231
Tin-land, the, of the Assur plates, 134; suggested identification of 135
Tirumaṅgai Alwār 217
Todar Mal, trained by Sher Shāh Sūr 191
Tonnūr, near Srīrangapatam, later Hoysala capital 233
topasses, meaning of 60
Travers, Walter, chief at Old Kayal .. 110, 111
Triformis. See Hecate.
Trilochanapāla, Chālukya k., inscription of .. 74
Trimūrti. See Dattātreyā.
triṇayāti, signification of 74, 75
Trivikrama, Jain Prākṛit grammarian .. 13, 52, 53
Tughlaks, the, in S. India 205, 209, 210, 232
tulabhāra, ceremony 211, 214
Tuljī, dancing girl, favourite of Murṭazā Nizām Shāh I 236
Tuṇḍikera, tribe 218
tutenaja, spelter 204
Tyana, later Hittite or Cilician capital 133
Udaipur, Mer raids on, 113; royal descent of the Mahārānās of, 118; or Medwār 119
Udayagiri, in the Veḷvi-kuḍi grant, 214; a Vijayanagara province 234, 235
Udayārs, title of the first Vijayanagara dynasty. 233; inscriptions of 233
uddeta, signification of 73, 74
udvijyamānā, signification of the term, 49, 50
Ujjain, allotted to the Panwār Mers 117
Ulugh Khān. See Muhammad Tughlak.
University, for ladies, in Asia Minor 135
ūṣara, signification of 76
Uzbaks, Marāthās 129
Vācaknavi Gārgi, a *Brahmavāddini*, 225
Vachanas, of the Vīra Śaiva or Lingāyat sect, attributed to Basava, 7—12, 36—40, 54—57
Vadarikāśrama, temple inscription of 74n.
Vaidyadeva, Kamauli Inscription of 74—77
Vajravarmā, k., suggested date of 153
Vallabhipur, in E. Kāthiāwār, conquered by Bhatarka 117n., 118, 119
Vallālasena, k., literary works attributed to, 145, 146, 156, 157; in the Barrackpur Inscription of Vijayasena, 147: the Naihati Inscription of, 157; dates of 158
Vālmiki, and the S. School of Prākṛit philology 13
Vāpi, *vāpikūpalāḍga*, signification of 74, 78
Vararuci, founder of the E. School of Prākṛit philology 13
Varman dynasty, in Vikramapura 153
Varodaya Bhaṭṭa, composer of the Veḷvi-kuḍi grant 211
Vasudeva, Minister of Devabhūta 243
vāṭa, signification of 74
Vātāpi, W. Chālukya capital 229, 233
Vaṭṭēluttu, script, in the Veḷvi-kuḍi grant .. 211
vegetarianism, a Vīra Śaiva practice 10, 12
Veḷvi-kuḍi plates, the, and the Sangham Age 211—217
Vengi, a Chālukya family 230
Vidyanagara. See Vijayanagara.
Vidyaranya, founder of Vijayanagara 235
Vigrahapāla III, date of 153
Vijayachandra, inscription of 74
Vijayāditya, R., in the Veḷvi-kuḍi grant .. 211
Vijayanagar, 69; overthrow of 210, 211
Vijayanagara Empire, origin, growth and decline of the 229—235
Vijayasena, the Barrackpur plates of, 147, 148, 153; conquests of, 147: and Vikramapura, 153, 154n.; death of 158
Vijayaśrī 153
Vikrama, patron of Kalidasa 192—198
Vikramāditya, I, suggested identification of, 214; II, identified 215
Vikramapura, the Barrackpur plates from, 153, 154, 157
Vikramapuram, S. Hoysala capital 230
vimaṣṭa, signification of 155

- | | | | |
|--------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------|----------|
| Vīra Ballāla III, Hoysala k., subdued by 'Alāu-'ddin Khilji | 207 | Wāris Shāh, composer of the Story of Hīr and Rānjhā | H.R., 40 |
| Vīra Pāṇḍya, 207; attacked by Malik Kāfūr, 208, 231 | | welan, a game | H.R., 39 |
| Vīra Śaiva, or Liṅgāyat sect, probably founded by Basava | 7 | Wiergewora. See Virji Vora. | |
| Vīraśrī | 153 | Williamson, the ship | 60 |
| Virji Vora, merchant of Surat, plundered by Sivāji in 1664 | 5, 6 | Willemisz, Pieter, of the Macassar | 2 |
| Virupaksha, conquests of | 234 | wound and service pension, in 1754 | 60 |
| <i>viṣayagaritā</i> . See <i>garitā</i> . | | | |
| Viṣṇugopavarman, inscriptions of | 76, 78 | | |
| Viśvarupa, the Madanapada plate of, 148; suggested date of | 153 | | |
| Vikavārā, Vedic poetess | 225 | | |
| Vitihayya. See Vitihotra. | | Yādavas, of Devagiri, rise of the | 230 |
| Vitihotra, co., position of | 218 | Yaśodharman, k., the Mandasor Pillar, Inscription of | 50, 51 |
| Vollert, merchant in Surat, in 1664 | 2 | | |
| volunteer training, in Fort St. George | 152 | | |
| | | Zāhid Beg, Hāji, of Surat, plundered by Sivāji in 1664 | 6 |
| <i>wakiahaac</i> , intelligencer | 4 | Zakaria of Multan | H.R., 62 |
| Wārangal, Malik Kāfūr's campaign in, 207; Malik Khusrū in, 207, 209; Muhammad Tughlak in | 209 | Zom Zom, Banian in Surat plundered by Sivāji in 1664 | 5 |

Indrasila-guha—Mr. Laidlay has identified it with the Giriyeḥ hill, six miles from Rājgir, which is evidently a corruption of Gairik-giri, a large portion of the stones of this hill being of red (*gairik*) colour. It is a spur of the Bipula range. It is the most easterly of the range of hills in which Rājgir was situated (*JASB.*, XVII, p. 500). The Panchān or Pañchānan river flows by its side, and just across the river is situated the ancient Buddhist village called Giriyeḥ. It has two peaks: on the lower peak on the east is situated the celebrated brick-tower called Jarāsindhu-kā-Baiṭhak which was the Hamsa-stūpa of the Buddhists. In some portions the moulding of sand and plaster in niches are well preserved. It is said to be the only building in India that has any pretension to be dated before Asoka's reign (Fergusson's *Cave Temples of India* p. 33). In front of it there are the remains of a monastery (*Saṅghārāma*), a dry well, two tanks and a garden. The western peak which is connected with the Hamsa-stūpa by a pavement is the higher of two: to this peak the name of Giriyeḥ properly belongs: it contains the remains of a vihāra. It is the "Hill of the isolated rock" of Fa Hian. It was on this hill that Indra brought the heavenly musician Pañcha Śikhā to play on his lute before Buddha, and questioned the latter on forty-two points, which questions he traced with his finger on the ground (Legge's *Fa Hian*, p. 80). According to the Buddhist account, the cave was situated in the rock Vēdi, at the north side of the Brāhman village Ambasanda, on the east of Rājagṛha (Spence Hardy's *Manual of Buddhism*, p. 298).

Iran—Persia, which was so-called from its colonisation by the ancient Aryans, the ancestors of the modern Parsis, who settled there after they left the Punjab: see *Ariana* (*JASB.*, 1838, p. 420).

Irāṇa—The Runn of Cutch, the word Runn or Ran is evidently a corruption of Irāṇa, which means a salt land (*Amara-kosha*): It is the Eirinon of the *Periplus of the Erythraean Sea*.

Iravati—1. The Ravi (Hydraotes of the Greeks). 2. The Rapti in Oudh (*Garuḍa P.*, ch. 81). Rapti is also said to be a corruption of Revatī.

Isalia—Kesariya, in the district of Champāraṇ, where Buddha in a former birth appeared as a Chakravartti monarch. A stūpa was raised at this place to commemorate the gift of the Alms-bowl by Buddha to the Lichchhavis when he parted with them (*Fa Hian*, and *Arch. S. Rep.*, XVI, p. 16). The ruins of this stūpa are known to the people by the name of Rājā Ben-kā-deorā, Rājā Bena being one of the Chakravartti kings of ancient time.

J

Jāhnavi—Same as Gaṅgā (*Harivaṃśa*, I, ch. 27). See **Jahnu-āśrama**.

Jahnu-āśrama—The hermitage of Jahnu Muni is at Sultanganj (E. I. Railway) on the west of Bhagalpur. The temple of Gaibinātha Mahādeva, which is on the site of the hermitage of Jahnu Muni, is situated on a rock which comes out from the bed of the Ganges in front of Sultanganj. The river Ganges (Gaṅgā) on her way to the ocean, was quaffed down in a draught by the Muni when interrupted in his meditation by the rush of the water, and was let out by an incision on his thigh at the intercession by Bhagīratha; hence the Ganges is called Jāhnavi or the daughter of Jahnu Rishi. It is the Zanghera of Martin (*Indian Empire*, vol. III, p. 37 and *Eastern India*, vol. II, p. 37), or Jahngira which is a contraction of Jahnu-giri according to Dr. R. L. Mitra (*JASB.*, vol. XXXIII, p. 360), and of Jahnu-griha according to General Cunningham (*Arch. S. Rep.*, vol. XV, p. 21). The Paṇḍās of Gaibinātha Mahādeva live in the village of **Jahngira** which is at a short distance from the temple. The hermitage of Jahnu Muni is

also pointed out at Bhairavaghâti below Gaigotri in Garwal at the junction of the Bhâgirathî and the Jâhnvî, where the Ganges is said to have been quaffed by the ishi (Fraser's *Himala Mountains*, p. 476). For other places which are pointed out as the hermitage of Jahnu [see Gaigâ and my *Notes on Ancient Aiga in JASB.*, vol. X (1914), p. 340]. There was a Buddhist Monastery at Sultanganj itself which contained a colossal copper statue of Buddha constructed in the 5th century A.D.

Jajâhuti—Same as **Jejabhuktî**. Its capital was Kajurâha at the time of Alberuni in the eleventh century (Alberuni's *India*, vol. I, p. 202).

Jajâtipura—Jâjpur (see **Yajñapura** and **Yayâtipura**).

Jâlandhara—Jalandhar, a town near the western bank of the Sutlej in the Punjab: same as **Trigarita**. (*Hemakoska*). The name is derived from its founder, the Asura Jâlandhara, the son of the Ganges by the Ocean (*Padma P.*, Uttara, ch. 51). It is the head-quarters of the district called Jalandhara Doab or Jâlandharapîṭha lying between the Bias and the Sutlej. It is the Kulindrina of Ptolemy; but see **Kulinda-desa**.

Jalpîsa—See **Japyesvara**. It is situated on the west of the river Tista in the district of Jalpaiguri in Bengal (*Kâlikâ P.*, 77). The name of Jalpaiguri is evidently derived from this Tîrtha.

Jamadagni-âsrama—1. Zamânia, in the district of Ghazipur, the hermitage of Rîshi Jamadagni. Zamânia is a corruption of Jamadagniya. 2. The hermitage of the Rîshi is also pointed out at Khaira Dih in the Ghazipur district opposite to Bhagalpur. 3. At Mahâsthânagaḍ, seven miles north of Bogra in Bengal (*Kathâ-sarîṭ-sâgara*, II, 1; *Skanda P.*, Brahma Kh., ch. 5, vs. 147, 150). It is also called Parasurâma-âsrama.

Jambudvîpa—India. The ancient name of India as known to the Chinese was Shin-tup or Sindhu (Legge's *Fa Hian*, p. 26). See **Sindhu** and **Bhâratavarsha**.

Jambukesvara.—Tiruvanaikâval between Trichinopoly and Śrîraigam (Devî P., ch. 102): see **Śrîraigam**.

Jambumârگا—Kalinjar (Prof. H. Wilson's *Vishnu P.*, Bk. II, ch. XIII note). But this identification does not appear to be correct (see *Mbh.* Vana, chs. 87 and 89). The *Agni P.*, (ch. 109) places Jambumârگا between Pushkara and Mount Abu, and mentions Kâlâñjara separately as a place of pilgrimage in the same chapter. Jambu is placed in Mount Abu (*Skanda P.*, Arbbuda Kh., ch. 60).

Jamunotri—See **Yamunotri**. A sacred spot in the Bândarpuchehha range of the Himalaya considered to be the source of the river Yamunâ (Jamunâ) near the junction of three streams. The particular spot which obtains the name of Jamunotri is a little below the place where the various small streams, formed on the mountain-brow by the melting of snow, unite and fall into a basin below. Jamunotri is eight miles from Kursali. At a short distance from the latter is a celebrated hot spring, issuing from the bed of a torrent which falls into the Jamunâ at a place called Banass: it is considered by the Hindus to be exceedingly holy (Martin's *Indian Empire Illustrated*, vol. III, pp. 11-20; Fraser's *Tour through the Himala Mountains*, ch. 26).

Janasthâna—Aurangabad and the country between the Godâvarî and the Kṛishnâ: it was a part of the Daṇḍakâranya of the *Râmâyana* (Aranya, ch. 49). Pâñchavatî or Nasik was included in Janasthâna (*Ibid*, Uttara, ch. 81). According to Mr. Pargiter, it is the region on both banks of the Godâvarî, probably the country around the junction of that river with the Pranhita or Waingangâ (*JRAS.*, 1894., p. 247).

Jāpyeśvara—Jāpyeśvara of the *Līṅga P.* (Pt. I, ch. 43), and Jāpyeśvara of the *Śiva P.*, (Pt. IV, ch. 47) are the Jalpīśa (q. v.) of the *Kālikā P.*, (ch. 77). Nandī, the principal attendant of Śiva, performed asceticism at this place. In the *Kālikā P.* (ch. 77), it has been placed to the north-west of Kāmarūpa in Assam with the five rivers called **Pañchanaṇḍa** (q. v.) in the *Līṅga P.* (Pt. I, ch. 43). But the *Kūrma P.* (Uttara, ch. 42) places it near the Ocean (sāgara). See, however, **Shaḍāraṇya** and **Nandigiri**. The *Varāha P.*, ch. 214 appears to place Jāpyeśvara near Ślesbmātaka or Gokarṇa.

Jasnaul—Bara-Banki in Oudh. Jas, a Raja of the Bbar tribe is said to have founded it in the tenth century (Führer's *MAI*).

Jaṭa parvata—The Jaṭaphaṭkā mountain in Daṇḍakāraṇya, in which the Godāvari has its source. See **Godāvari** (*Devi P.*, ch. 43).

Jatodbhava—The river Jatodā, a tributary of the Brabmaputra, which flows through the district of Jalpaiguri and Kuch Bihar (*Kālikā P.*, ch. 77).

Jaugaḍa—The fort of Jaugaḍa, eighteen miles to the north-west of Ganjam, contains an edict of Aśoka inscribed upon a rock (*Arch. S. Rep.*, vol. XIII; *Corpus Inscriptionum Indicarum*, vol. I). The rock which bears the edict of Aśoka (dating about 250 B.C.), is four miles to the west of Purushottapur in the district of Ganjam, Madras Presidency, on the north bank of the Rīshikulyā (*Ind. Ant.*, I, 219).

Javali-pura—Jabbalpur (Bhagavanlal Indrajī's *Early History of Gujarāt*, p. 203; *Prabandha-chintāmaṇi*, Tawney's Trans., p. 161).

Jayanti—1. Jyntia in Assam (*Tantrachudāmaṇi*). 2. Same as **Baijayanti** (*JRAS.*, 1911, p. 810). See **Banavasi**.

Jejabhukti—The ancient name of Bundelkhand, the kingdom of the Chandratreyas or the Chandels. Its capitals were Mahoba and Kharjurāha (*Ep. Ind.*, vol. I, p. 218). Kālīṅjara was the capital of the Chandels after it had been conquered by Yasovarman. The name was corrupted into Jajāhuti (Alberuni's *India*, vol. I, p. 202) and Jajhoti (Cunningham's *Anc. Geo.*, p. 481).

Jetavana-vihāra—Joginibhariya mound, one mile to the south of Śrāvastī. Buddha resided and preached here for some time. The Vihāra was erected in a garden by Sudatta, a rich merchant of Śrāvastī, who for his charity was called Anāthapiṇḍika: he gave it to Buddha and his disciples for their residence. It was a favourite residence of Buddha (*Chullavagga*, Pt. VI, chs. 4 and 9). The garden formerly belonged to Jeta, son of king Prasenajit, who sold it to Anāthapiṇḍika for gold *masurans* sufficient to cover the whole area (amounting to 18 Koṭis of *masurans*). It contained two temples called Gandhakuṭi and Kosamba-kuṭi and a sacred mango-tree planted by Ānanda at the request of Buddha (Cunningham's *Stūpa of Bharakut*, p. 86). See **Śrāvastī**.

Jetuttara—Nāgari, 11 miles north of Chitore. It was the capital of Sivi or Mewar (*Jātakas*, vi, 246; *Arch. S. Rep.*, vi, 196). Jetuttara is evidently the Jattaraur of Alberuni, the capital of Mewar (Alberuni's *India*, I, p. 202). See **Śivi**.

Jhārakhanda—Chota or Chutia Nagpur: Kokra of the Muhammadan historians. Madhu Sing, Raja of Chutia Nagpur, was conquered, and the country was annexed to the Mughal dominion by Akbar in A.D. 1585. According to Dr. Buchanan, all the hilly region between Birbhum (anciently called Vira-deśa, the capital of which was Nagara) and Benares was called Jhārakhanda (Martin's *Eastern India*, I, p. 32). It also included the

Santal Pargana (*Mahâ-Liṅgeśvara Tantra*). Chutia, now an insignificant village two miles to the east of Ranchi, was, according to tradition, the earliest capital of the Nāgavaṃśi Rājās of Chota Nagpur, the descendants of the Naga (snake) Puṇḍarika (Bradley-Birt's *Chota Nagpur*, chs. I, III).

Jirnanagara—Juner in the district of Poona. According to Dr. Bhandarkar (*Hist. of the Dekkan*, sec. viii), it was the capital of the Kshatrapa king Nahapāna whose dynasty was subverted by Pulamāyī, king of Paiṭhān.

Jushkapura—Zukur in Kāśmīra.

Jvālamukhī—A celebrated place of pilgrimage (*Devī-Bhāgavata*, vii, 38), 22 miles south of Kangra and 10 miles north-west of Nadaun in the Kohistan of the Jalandhara Doab in the Dehra sub-division of the Kangra district, being one of the Pīṭhas where Satī's tongue is said to have fallen *Tantra-chudāmaṇi*. The town is thus described by W. H. Parish in *JASB.*, vol. XVIII: "The town of Jvālamukhī is large and straggling, and is built at the base of the western slope of the Jvālamukhī or Chungar-ki-dhar. The town with the wooded slopes of Chungar forming the background, and the valley spread out before it, has a very picturesque appearance from a distance." The celebrated temple has been cut out of the volcanic rock. It possesses no architectural beauty, nor anything worthy of notice except natural jets of gas which are ten in number, five being within the temple and five on its walls. The temple contains the image of Ambikā or Maṭeśvarī, but General Cunningham says that there is no idol of any kind, the flaming fissure being considered as the fiery mouth of the goddess whose headless body is in the temple of Bhawan (*Arch. S. Rep.*, vol. V, p. 171). According to an ancient tradition, the flame issued from the mouth of the Daitya Jālandhara. It is evidently the Bāḍavā of the *Mahābhārata* (Vana, ch. 82). The Jvālamukhī mountain is 3,284 feet high, the temple being at a height of 1,882 feet.

Jyotirātha—A tributary of the river Sona (*Mbh.*, Vana P., ch. 85). It has been identified with the Johila, the southern of the two sources of the Sona (Pargiter's *Markaṇḍeya P.*, p. 296).

Jyotirlingas—For the twelve Jyotir-liṅgas of Mahādeva, see **Amareśvara**.

Jyotirmaṭha—One of the four Maṭhas established by Śaṅkarāchāryya, at Badrināth (see Śrīṅgagiri). It is now called Joshimaṭh on the Alakānandā in Kumaun.

Jyotiṣa—Same as **Jyotirātha** (*Vishṇu Saṃhitā*, ch. 85).

K

Kabandha—The territory of Sarik-kul and its capital Tashkurghan in the Tagdumbash Pamir. It is the Kie-pan-to of Hiuen Tsiang (Sir Henry Yule's *Marco Polo*, vol. I, pp. 154, 163, 166; Dr. Stein's *Sand-buried Ruins of Khotan*, p. 72). See **Kupatha**.

Kachchha.—1. Cutch: it was called Marukachchha (*Bṛihat-saṃhitā*, ch. XIV) in contradistinction to Kauṣikī-Kachchha. 2. Kaira (Kheda) in Gujarat, a large town between Ahmadabad and Cambay (Kambay), on the river Betravatī (present Bātrak). 3. Perhaps Uch (see *Śūdraka*). 4. Kachar in Assam.

Kailāsa.—The Kailāsa mountain: it is the Kangrinpoche of the Tibetans, situated about 25 miles to the north of Mānas-sarovara beyond Gangri which is also called Darchin, and to the east of the Niti Pass. (Batten's *Niti Pass* in *JASB.*, 1838, p. 314.) It is a spur of the Gangri range, and is said to be the abode of Mahādeva and Pārvatī. "In picturesque beauty" says H. Strachey in *JASB.*, 1848, p. 158, "Kailāsa far surpasses the big Gurla or any other of the Indian Himalaya that I have ever seen: it is full of majesty—a king of mountains." Through the ravines on either side of the mountain is the passage

by which the pilgrims perform their perambulation in two days. The identification of the Kiunlun range with Kailâsa is a mistake (see Map of Tibet in Dr. Waddell's *Lhasa and its Mysteries*, p. 40). *The Mahâbhârata*, Vana (chs. 144, 156) and the *Brahmânḍa P.*, (ch. 51) include the mountains of the Kumaun and Garwal in the Kailâsa range (see *Vikramorvasi*, Act IV; Fraser's *Himala Mountains*, p. 470). Badrikâ-âsrama is said to be situated on the Kailâsa mountain (*Mbh.*, Vana P., ch. 157). The Kailâsa mountain is also called Hemakûṭa (*Mbh.*, Bhishma P., ch. 6). Four rivers are said to rise from Gangri, from the mountain or the lakes; the Indus on the north is fabled to spring from the mouth of the Lion, the Śatadru on the west from the Ox, the Karnali on the south from the Peacock, and the Brahmaputra on the east from the Horse [*JASB.* (1848), p. 329]. Sven Hedin says, "The spring at Dolchu is called Langchenkabat, or the mouth out of which the Elephant river (i.e., the river Sutlej as called by the Tibetans) comes, just as Brahmaputra's source is the Singi-kabab, or the mouth from which the Lion river issues. The fourth in the series is the Mapcha-Kamba, the Peacock river or Karnali (Sven Hedin's *Trans-Himalaya*, vol. II, p. 103). For the description of the Kailâsa mountain [see Sven Hedin's *Trans-Himalaya*, vol. II, ch. 51, and H. Strachey's *Narrative of a Journey to Cho Lagan* (Râkhas Tâl) in *JASB.*, 1848, pp. 157, 158]. Kailâsa mountain is the Ashtâpada mountain of the Jainas. According to Mr. Sherring, the actual circuit round the holy mountain occupies, on an average, three days, the distance being about 25 miles. The water of the Gaurî-kunḍa, which is a sacred lake that remains frozen all the year round, has to be touched during the circuit. Darchan is the spot where the circuit usually begins and ends (Sherring's *Western Tibet*, p. 279). But it is strange that none of the travellers mention anything about the temple of Hara and Pârvatî who are said to reside in the mountain.

Kaira Mali—The Kaimur range, which is situated in the ancient Kaira-deśa, *mâli* being the name of a mountain [*JASB.*, (1877), p. 16]. Same as **Kimṛitya**. Kaimur is evidently a corruption of Kairamâli.

Kajîṅghara—Same as **Kajughira**.

Kajughira—Kajeri, ninety-two miles from Champâ (Beal's *R.W.C.*, Vol. II, p. 193n.). Cunningham identifies it with Kankjol, sixty-seven miles to the east of Champâ or Bhagalpur. Kajughira is a contraction of Kubjâgriha. It may be identified with Kajra, one of the stations of E.I. Railway in the district of Monghyr. Three miles to the south are many remains of the Buddhist period, and many hot springs.

Kâkanâda—Sâñchi in the Bhopal territory, celebrated for its Buddhist topes. Bhagavanlal Indraji first pointed out that the ancient name of Sâñchi was Kâkanâda (*Corp. Ins. Ind.*, vol. III, p. 31).

Kakauthâ—The small stream Barhi which falls into the Chhoṭa Gandak, eight miles below Kasia (Cunningham's *Anc. Geo.*, p. 435). Carleyle has identified it with the river Ghâgî, one and half miles to the west of Chitiyaon in the Gorakhpur district. See **Kakushta** (*Mahâparinibbâna Sutta*, ch. IV and *Arch. S. Rep.*, vol. XXII.) Lassen identifies Kakauthis of Arrian with the Bâgmatî of Nepal (McCrindle's *Megasthenes and Arrian*, p. 189 n.).

Kâlachampâ—Same as **Champâpuri** (*Mahâ-Janaka Jâtaka* in the *Jâtakas*, vi, 20, 28, 127).

Kaladi—Kaladi or Kalati in Kerala, where, according to the *Śaṅkaraviṇaya*, Śaṅkarâchâryya was born in the seventh century of the Christian era. See **Kerala**. His father's name was Śivaguru. Guru Govinda Gaṇḍa Padyâchâryya Vedantist initiated him into Sannyâsihood on the banks of the Nerbada. Govindanâtha was himself the disciple of Goudapâda (*Ibid.*, ch. V, v. 105).

Kalahagrâma—Kahalgâon or Colgong in the district of Bhagalpur in Bengal. The name is said to be derived from the pugnacious character of Ṛishi Durvâsâ, who lived in the neighbouring hill called the Khalli-pâhâḍ.

Kalahasti.—In the North Arcot district (*Ep. Ind.*, vol. I, p. 368; vol. III, pp. 116, 240), one mile from the Renugunta railway station. It was a celebrated place of pilgrimage (*Śaṅkaraviṇaya*, ch. 14) on the river Suvarṇamukharî. The great temple contains the *Vāyu* (Wind) image of Mahâdeva, which is one of the Bhautika or elementary images. The lamp over the head of this phallic image which is called Urṇânâbha Mahâdeva is continually oscillating on account of the wind blowing from below, while the lamps in other parts of the temple do not oscillate at all. See **Chidambaram**.

Kalakavana.—The Rajmahal hills in the Province of Bihar (Patañjali's *Mahâbhâshya*, II, 4, 10; *Baudhâyana*, I, 1, 2; Kunte's *Vicissitudes of Aryan Civilization*, p. 380). See **Âryâvarṭta**

Kala-Kuṇḍa.—Golkanda in the Nizam's territory, formerly celebrated for its diamond mines. Gowâl-kuṇḍa is a corruption of Kalakuṇḍa. It was the birthplace of Mâdhavâ-chârya, the author of the *Sarvadarśanasâra-saṃgraha* and other works.

Kâlañjara.—Kalinjar, in the Badausa sub-division of the Banda district in Bundelkhand (*Padma P.* Svarga, ch. 19, v. 130 and *Śiva P.*, IV, ch. 16). It was the capital of Jejabhûktî (Bundelkhand) at the time of the Chandelas after it was conquered by Yaşovarman (*Ep. Ind.*, vol. I, p. 218). It contains the temple of Nilakaṇṭha Mahâdeva (*Vâmana P.*, ch. 84) and also that celebrated place of pilgrimage called Koṭa-tirtha within the fort, the erection of which is attributed to Chandra Barmmâ, the traditional founder of the Chandel family, though the inscriptions mention Nannuka as the founder of the dynasty; see, however, **Mahotsavanagara**. There is also a colossal figure of Kâla Bhairava with eighteen arms and garlands of skull and snake armlets within the fort (*Arch. S. Rep.*, vol. XXI). The *tirtha* called Hiranya-Vindu is also situated at this place (*Mbh.*, Vana, ch. 87). The hill of Kalinjar is also called Rabichitra [*JASB.*, XVII, (1848), p. 171]. For the inscriptions of Kalinjar, see p. 313 of the *Journal*.

Kalâpa-grâma.—A village where Maru and Devâpi, the last kings of the Solar and Lunar races respectively, performed asceticism to re-appear again as kings of Ayodhyâ and Hastinâpura after the subversions of the Mlecchha kingdoms by Kalki, the tenth incarnation of Viṣṇu (*Kalki P.*, Pt. III, ch. 4). According to the *Mahâbhârata*, Maushala, (ch. 7); *Bhâgavata P.*, (X, ch. 87, v. 7), and the *Bṛihat-Nâradya P.*, (Uttara, ch. 66), Kalâpa-grâma appears to have been situated on the Himâlaya near Badarikâgrâma. In the *Vāyu P.*, ch. 91, Kalâpa is placed among the Himalayan countries where Urvaśî passed sometime with Purûravâ. According to Capt. Raper, Kalâpa-grâma is near the source of the Sarasvatî, a tributary of the Alakânandâ, in Badrinâth in Garwal (*Asia. Res.*, vol. XI, p. 524).

Kâlî—The Kâlî Nadî (west), a tributary of the Hindan: it flows through the Saharanpur and Muzaffarnagar districts, United Provinces (*Matsya P.*, ch. 22).

Kâlighaṭa.—Near Calcutta. It is one of the Pīṭhas where the four toes of Satî's right foot are said to have fallen. The name of Calcutta is derived from Kâlighaṭ. Golam Husain in his *Riyaz-us-Salatîn* says that the name of Calcutta has been derived from Kâlî-karttâ, as the profit of the village was devoted to the worship of the goddess Kâlî. In the *Mahâ-lîngârchana Tantra*, it is mentioned as *Kâlî-pīṭha*, and as the pilgrims bathed in the Ghâṭ before worshipping the goddess, the place became celebrated by the name of Kâlighaṭ. Some derive the name of Calcutta from Kilkilâ of the Purâṇas. See **Kilkilâ**.

Kalika-Saigama—The confluence of the Kauṣikī and the Aruṇā (*Padma P.*, Svarga, ch. 19).

Kālī-Nadī (East)—A river which rising in Kumaun joins the Ganges (*Vâmana P.*, ch. 13). The town of Saṅkâśya stood on the east bank of this river. It is also called Kâlinī or Kâlindī. Kanauj stands on the western bank of the eastern Kālī-Nadī, 3 or 4 miles from its junction with the Ganges. From its source to its junction with the Dhavalâ-gaṅgâ, Gaurī and Chandrabhâgâ, it is called Kālī-gaṅgâ, and after its junction, it is known by the name of Kālī-nadī.

Kalinda-Deśa—A mountainous country situated in the Bândarapuchchha range of the Himâlaya, where the Jamunâ has got its source ; hence the river is called Kâlindī. Same as **Kulinda-deśa**. The *Kalinda-giri* is also called Yâmuna Parvata (*Râmâyana*, Kishkindhâ K., ch. 40).

Kâlindī—The river Jamunâ. See **Kalinda-deśa**.

Kaliṅga—The Northern Circars : a country lying on the south of Orissa and north of Drâviḍa on the border of the sea. According to General Cunningham, it was between the Godâvarī river on the south-west and the Gaolya branch of the Indrâvatī river on the north-west (Cunningham's *Anc. Geo.*, p. 515). It was between the Mahânadī and the Godâvarī (according to Rapson's *Ancient India*, p. 164). Its chief towns were Manipura, Râjapura or Râjamahendri (*Mbh.*, Âdi, ch. 215 ; Śânti, ch. 4). At the time of the *Mahâbhârata*, a large portion of Orissa was included in Kaliṅga, its northern boundary being the river Baitaraṇī (Vana, ch. 113). At the time of Kâlidâsa, however, Utkala (Orissa) and Kaliṅga were separate kingdoms (*Raghuvamśa*, IV). It became independent of Magadha shortly after the death of Âśoka in the third century B.C., and retained its independence at least up to the time of Kanishka.

Kaliṅga-Nagara—The ancient name of Bhuvaneśvara in Orissa. The name was changed into Bhuvaneśvara at the time of Lalâṭendu Keśari in the seventh century A. C. It was the capital of Orissa from the sixth century B.C. to the middle of the fifth century A.C. (Dr. R. L. Mitra's *Antiquities of Orissa*, vol. II, p. 62 and *Daśakumâracharita*, ch. 7.) But it has now been identified with Mukhalingam, a place of pilgrimage 20 miles from Parlakimedi in the Ganjam district (*Ep. Ind.*, vol. III, p. 220). It contains many Buddhist and Hindu remains. The temple of Madhukeśvara Mahâdeva is the oldest, and that of Someśvara Mahâdeva the prettiest. These old temples still bear numerous inscriptions and excellent sculptures. The adjoining Nagarakatakam also contains some interesting remains and a statue of Buddha. But according to the Parlakimedi inscriptions of Indravarman, king of Kaliṅga, Kaliṅga-nagara is Kaliṅgapatam at the mouth of the Bamśadhârâ river in the Ganjam district (*Ind. Ant.*, XVI, 1887, p. 132). The *K.Ch.* (composed in 1577 A.D.), places it on the river Kaṁṣâ which is different from the Kasai. Kaliṅga-nagara, however, appears to have been the general name of the capitals of Kaliṅga which were different at different periods, as Manipura, Râjapura, Bhuvaneśvara, Piṣṭapura, Jayantapura, Simhapura, Mukhaliṅga, etc.

Kâlīṇjara—Kalinjar in Bundelkhand. The fort was built by the Chandel king Kirât Brahma : it contains the shrine of Mahâdeva Nîlakanṭha and the Tirtha called Koṭa-tirtha (*Matsya P.*, ch. 180 ; Lieut. Maisey's *Description of the Antiquities of Kalinjar* in *JASB.*, XVII, p. 171). See **Kâlaṇjara**.

Kālī-Piṭha—Same as *Kâlighāṭa* (*Tantrachudâmaṇi*).

Kalki—Tutikorin at the mouth of the river Tāmraparnī in Tinnevely : it is the Sosikourai of Ptolemy (McCrindle's *Ptolemy*, p. 57). It was formerly the capital of Pāṇḍya (see **Kolkai**).

Kalyānapura—Kaliani or Kalyāṇa, thirty six miles west of Bidar in the Nizam's territory. It was the capital of Kuntala-deśa (see **Kuntala-deśa**). In the beginning of the seventh century A.D., the Chalukyas were divided into two main branches,—the Western Chalukyas in the Western Deccan and the Eastern Chalukyas in that part of the Pallava country which lies between the Krishnā and the Godāvarī (Rapson's *Indian Coins*, p. 37). Ahavamalla or Someśvara, one of the latter Chalukya kings of the Deccan, founded this city in the eleventh century and removed his seat of government from Mānyakheta (Māl-khet) to this place (Dr. Bhandarkar's *History of the Dekkan*, see. xii; but see *Indian Antiquary*, vol. I, p. 209). Vijñāneśvara, the author of the *Mitāksharā*, flourished in the court of Tribhuvanamalla Vikramāditya II, the second son of Someśvara I, who reigned from 1076 to 1126 A.D., and who was the most powerful monarch of the Chalukya dynasty (Dr. Burnell's *South Indian Palæography*, p. 56). Bilhana also flourished in the court of this king in the eleventh century. He was the author of the *Vikramāṅkadeva-charita* which was written about 1085 A.D. (Dr. Bühler's *Introduction to the work*, p. 23). The kings of Kalyāṇa were also called kings of Karṇāṭa. According to the *Vāsava Purāṇa*, Bijala Rāya, the last king of Kalyāṇa, was a Jaina. He persecuted the followers of Vāsava, who was his minister, and was the founder of the Liṅgait or Jaṅgama sect of Śaivas. Bijala was assassinated in his own palace by Jagaddeva, a Lingait, at the instigation of Vāsava. After the death of the king, Kalyāṇa was destroyed by internal dissension (see Garrett's *Classical Dictionary of India*, s. v. *Vāsava Purāṇa*; Wilson's *MacKenzie Collection*, pp. 311-320). But it appears that Kalyāṇa ceased to be the capital on the fall of the Kalachuris.

Kāma-Āsrama—Kāron, eight miles to the north of Koranṭeḍi in the district of Balia Mahādeva is said to have destroyed Madana, the god of love, at this place with the fire of his third eye in the forehead (*Rāmāyaṇa*, Bāla, ch. 23). It was situated at the confluence of the Sarayu and the Ganges, but the Sarayu has now receded far to the east of this place, and joins the Ganges near Singhi, eight miles to the east of Chapra in Saran. The place contains a temple of Kāmeśvaranātha or Kauleśvaranātha Mahādeva. It is the same as Madana-tapovana of the *Raghuvamśa* (ch. II, v. 13). But according to the *Skanda P.*, (Avantī Kh., Avantī-kshetramāhātmya, ch. 34), the incident took place at Deva-dāruvana in the Himālaya.

Kāma-Giri—See **Kāmākhyā** (*Devī-Bhāgavata*, viii, 11).

Kāmākhyā—1. In Assam (*Bṛihat-Dharma P.*, I, 14) : see **Kāmarūpa**. 2. In the Punjab : a place of pilgrimage (*Padma P.*, Svarga, ch. 11) on the river Devikā. 3. Same as *Māyāpurī* (*Bṛihat-Śiva P.*, I, ch. 16).

Kāmakoshthī (**Kāmakoshṇī**)—1. Kumbhaconum in the province of Madras. It was the ancient capital of Chola (*Bhāgavata*, Bk. X, ch. 79; *Chaitanya-charitāmṛita*, Madhya, ch. 9; *Life of Chaitanya*, p. 43 published by the Buddhist Text Society). But this identification is doubtful. 2. Same as **Kāmākhyā** (*Bṛihad-Dharmma P.*, Pūrva, ch. 14).

Kamalāṅka—Comilla : it was the capital of Tipārā in the sixth century. Most probably, it is the Komalā of the *Vāyu P.*, (II, ch. 37, v. 369) and Kiamolongkia of Hiuen Tsiang.

Kamarûpa—Assam : on the north, it included Bhutan, on the south it was bounded by the confluence of the Brahmaputra and the Lâkhyâ and Baûga, and included Manipur, Jayantiya, Kachhar, and parts of Mymensingh and Sylhet (Buchanan's *Account of Rangpur* in *JASB.*, 1838, p. 1). It included also Rangpur which contained the country-residence of Bhagadatta, king of Kâmarûpa (*Ibid.*, p. 2). The modern district of Kâmrup extends from Goâlpârâ to Gauhâti. Its capital is called in the *Purâṇas* Prâgijyotisha (*Kâlikâ P.*, ch. 38) which has been identified with Kâmâkhyâ, or Gauhâti (*JRAS.*, 1900, p. 25). Kâmâkhyâ is one of the Pîṭhas, containing the temple of the celebrated Kâmâkhyâ Devî on the Nîla hill or Nîlakûṭa-parvata (*Kâlikâ P.*, ch. 62); it is two miles from Gauhâti. Râjâ Nîladhvaja founded another capital Komotapura (the modern Kamatapur in Cooch-Behar, *Imp. Gaz.*, s. v. *Rangpur District*). On the opposite or north side of the river Brahmaputra is situated a hill called Âśva-krântâ-parvata where Kṛishṇa is said to have fought with Narakâsura (*Brihat-Dharma P.*, Madhya Kh., ch. 10 and *Brahma P.*, ch. 51; *JRAS.*, 1900, p. 25). Bhagadatta, son of Naraka, was an ally of Duryodhana (*Mahâbhârata*, Udyoga, ch. 4). The *Yoginî-Tantra* (Pûrva Kh., ch. 12) has preserved some legends about the successors of Naraka. For the stories of Mayanâvatî's son Gopichandra and his son Gavachandra, see *JASB.*, 1838, p. 5. The Ahom kings came into Assam from the east at the beginning of the thirteenth century. The immediate cause of their emigration was the breaking up of the Chinese Empire by the Moguls, for at the time when Chukapha fixed himself in Assam, Kublai had just established himself in China (*JASB.*, 1837, p. 17). The word "Ahom" is perhaps a corruption of Bhauma, as the descendants of Narakâsura were called (*Kâlikâ P.*, ch. 39). For the later history of Kâmarûpa under the Muhammadans, see *Asiatic Researches*, Vol. II. The temple of Tâmrêśvarî Devî or the copper temple, called by Buchanan the eastern Kâmâkhyâ, on the river Dalpani, is situated near the north-eastern boundary of the ancient Kâmarûpa (*JASB.*, XVII, p. 462).

Kamberikhon—According to Ptolemy, it is the third mouth of the Ganges; it is a transcription of Kumbhîrakhâtam or the Crocodile-channel. It is now represented by the Bangara estuary in the district of Khulna in Bengal (see my *Early Course of the Ganges* in the *Indian Antiquary*, 1921).

Kamboja—Afghanistan : at least its northern part (*Mârkaṇḍeya P.*, ch. 57 and *Manu*, ch. X). According to Dr. Stein (*Râjataranginî*, Vol. I, p. 136), the eastern part of Afghanistan was called Kâmbôja. The name of "Afghan," however, has evidently been derived from Âsvakân, the Assakenoi of Arrian (McCrindle's *Megasthenes and Arrian*, p. 180). It was celebrated for its horses (*Mbh.*, Sabhâ P., chs. 26 and 51). Its capital was Dvâarakâ, which should not be confounded with Dwarka in Gujarât (Dr. Rhys Davids' *Buddhist India*, p. 28). See **Loha**. The Shiaposh tribe, which now resides on the Hindukush mountain is said to have descended from the Kâmbôjas. In the Girnar and Dhauli inscriptions of Âśoka, Kâmbôja is mentioned as Kambocha, and according to Wilford, Kâmbôja was classed with the mountain of Ghazni (*JASB.*, 1838, pp. 252, 267).

Kambyson—According to Ptolemy, it is the name of the westernmost mouth of the Ganges. It is evidently a corruption of Kapilâśrama (see my *Early Course of the Ganges* in *Ind. Ant.* 1921.)

Kaṅkalî—1. One of the fifty-two Pîṭhas situated on a burning ground near the river Kopai, where it takes a northerly course, in the district of Birbhum in Bengal. The name of the goddess is Kaṅkalî. 2. For Kaṅkalî Tîlâ, see **Mathurâ**.

Kāmpilya—Kampil, twenty-eight miles north-east of Fathgaḍ in the Farrakhabad district, United Provinces. It is situated on the old Ganges, between Budaon and Farrakhabad. It was the capital of Rājā Drupada, who was king of South Pañchāla, and was the scene of Draupadi's Svayamvara (*Mbh.*, Ādi P., ch. 138; *Rāmāyaṇa*, Ādi, ch. 23). Drupada's palace is pointed out as the most easterly of the isolated mounds on the bank of the Buḍa-Gaṅgā. Its identification with Kampil by General Cunningham (*Arch. S. Rep.*, I, p. 255) and by Führer (*MAI.*) appears to be correct and reasonable.

Kamaśvaṭī—The river Kasāi in Bengal. But see **Kapiśa** (river). It is perhaps the Koṣā of the *Mahābhārata* (Bhishma, ch. 9). Kamaśvaṭī and Kasāi are separately mentioned in *K.Ch.*, p. 197.

Kāmyakavana—The Kāmyaka-vana of the *Mahābhārata* was situated on the bank of the Sarasvatī (Vana P., ch. 5; *Vāmana P.*, ch. 34), and is not identical with Kāmyavana in the district of Mathurā. Kāmyaka-vana was then a romantic wilderness in Kurukshetra (*Vāmana P.*, ch. 34, v. 4), where at Kāmōda, six miles to the south-east of Thāneśvar, Draupadi-kā-bhāṇḍār is pointed out as the place where Draupadi cooked food for her husbands, the Pāṇḍavas, during their sojourn at that place after Yudhisṭhira lost his kingdom by gambling with the Kurus (*Arch. S. Rep.*, vol. XIV).

Kanaka—Travaneore. Same as Mushika (*Padma P.*, Svarga, Ādi, ch. 3; Garrett's *Class. Dic.*).

Kanakavati—Kaṅkoṭah or Kanakkot, sixteen miles west of Kosam on the southern bank of the Yamunā near its junction with the river Baisuni. (Dr. Hoey's *Identification of Kusināra*, &c. in *JASB.*, 1900, p. 85; *Ava. Kalp.*, ch. 106).

Kanakhala—It is now a small village two miles to the east of Hurdwar at the junction of the Ganges and Nīladhārā. It was the scene of *Dakṣa-yaज्ञा* of the *Purāṇas* (*Kārma P.*, Uparibhāga, ch. 36; *Vāmana P.*, chs. 4 and 34). The *Mahābhārata* (Vana P., ch. 84) describes it as a place of pilgrimage, but states that the sacrifice was performed at Haridvāra (*Mbh.*, Śalya, ch. 281). The *Līṅga P.*, says that Kanakhala is near Gaṅgā-dvāra, and Dakṣa performed his sacrifice at this place (*Līṅga P.*, Pt. I, ch. 100).

Kāñchipura—Konjeveram (*Mbh.*, Bhishma, ch. IX), the capital of Drāviḍa or Chola (*Padma P.*, Uttara, ch. 74), on the river Palar, forty-three miles south-west of Madras. The portion of Drāviḍa, in which it is situated, was called Tonḍa-maṇḍala. The eastern portion of the town is called Viṣṇu-Kāñchī and the western portion Śiva-Kāñchī, inhabited by the worshippers of Viṣṇu Varadā Rāja and Śiva called Ekāmranātha (with his consort Kānākshī Devī) respectively (*Padma P.*, Uttara, ch. 70; Wilson's *Mackenzie Collection*, pp. 146, 191). See **Chidambaram**. Śaṅkarāchārya constructed the temple of Viṣṇu called Viṣṇu-Kāñchī at Kāñchī (Ānanda Giri's *Śaṅkaravijaya*, ch. 67). At Śiva-Kāñchī exists his tomb or Samādhi with his statue upon it within the precincts of the temple of Kānākshī Devī. The town contains the celebrated Tīrtha called Śiva-Gaṅgā. It possessed a University (see **Nālandā**). The Pallava dynasty reigned at Conjeveram from the fifth to the ninth century of the Christian era, when they were overthrown by the Chola kings of Tanjore, which was also the capital of Chola or Drāviḍa. Kāñchipura is said to have been founded by Kulottuṅga Cholan on the site of a forest called Kurumbar-bhūmi (*Mackenzie Manuscripts in JASB.*, vii, Pt. I, pp. 399, 403), which was afterwards called Tonḍa-maṇḍala.

Kanbagiri—Kanhari in the Province of Bombay. It is the Kṛishṇa-śaila of the Kanheri inscription (Rapson's *Catalogue of Coins of the Andhra Dynasty*, Intro., p. xxxiii).

Kanishkapura—Kanikhpur or Kāmpur, ten miles to the south of Srinagar. It was founded by Kanishka, who in 78 A.D., convened the last Buddhist synod, which gave rise to the Śaka era.

Kanṭaka-Dvīpa—See **Kaṭadvīpa**.

Kanṭaka-Nagara—Katwa in the district of Burdwan in Bengal. It was visited by Chaitanya (*Chaitanya-Bhāgavata*, Madhya, ch. 26). See **Kaṭadvīpa**.

Kantāraka—See **Āraṇyaka**.

Kāntipurī—1. Identified by Cunningham with Kotwal, twenty miles north of Gwalior (*Skanda P.*, Nāgura Kh., ch. 47; *Arch. S. Rep.*, Vol. II, p. 308). 2. According to Wright (*Hist. of Nepal*, pp. 9, 154), Kāntipura or Kāntipurī is one of the ancient names of Katmandu in Nepal. 3. The *Vishṇu P.* (Pt. IV, ch. 24) places it on the Ganges near Allahabad.

Kaṇva-Āsrama—1. On the bank of the river Mālinī (the river Chukā) which flows through the districts of Shaharanpur and Oudh, it was the hermitage of Kaṇva Muni who adopted the celebrated Śakuntalā as his daughter (Kālidāsa's *Śakuntalā*). The hermitage of Kaṇva Muni was situated 30 miles to the west of Hurdwar, which is called Nāḍapit in the *Śatapatha-Brāhmaṇa*, xiii, 5, 4, 13 (*SBE.*, xlv, p. 399). 2. On the river Chambal, four miles to the south-east of Kota in Rajputana (*Mbh.*, Vana, ch. 82; *Agni P.*, ch. 109). This Kaṇva-āśrama was also called Dharmuāraṇya. 3. On the banks of the Narbada (*Padma P.*, Uttara, ch. 94).

Kānyakubja—1. Kanauj, on the west bank of the Kālinadī, about six miles above its junction with the Ganges in the Farrakhabad district, United Provinces. It was the capital of the second or Southern Pañchāla during the Buddhist period (Dr. Rhys Davids' *Buddhist India*, p. 27) and also in the tenth century (Rājaśekhara's *Karpūramañjarī*, Act III). It was the capital of Gādhi Rājā and birth-place of Viśvāmitra (*Rāmāyaṇa*, Bāla K.). Buddha preached here on the instability of human existence. It was visited by Fa Hian and Hiuen Tsiang in the beginning of the fifth and the middle of the seventh centuries respectively. Harshavardhana or Silāditya II was the reigning sovereign, when it was visited by Hiuen Tsiang in 636 A.D.; he inaugurated the Varsha era in 606 A.D., but according to Max Müller, Harshavardhana reigned from 610 to 650 A.D. He was the contemporary of Muhammad, whose flight from Medina in 622 A.D. gave rise to the Hijira era. In his Court flourished Bānabhaṭṭa, the author of the *Kādamvarī* and *Harshacharita*, Dhāvaka, the real author of the *Nāgānanda*, and Chandrāditya, the versifier of the *Vessantara-Jātaka*. The celebrated Bhavabūti was in the court of Yaśovarmana of Kanauj (Stein's *Rājataranginī*, I, p. 134); he went to Kāśmīra with Lalitāditya (672 to 728 A.D.) after the conquest of Kanauj by the latter. Śrīharsha wrote the *Naishadha-charita* at the request of Jayachandra. For the ancestors of Jayachandra, see copperplate grant in *JASB.*, 1841, p. 98. Kanauj had been the capital of the Maukhari kings before Harshavardhana transferred his seat of government from Thānēśvara to this place. The three great monasteries, in one of the chapels of which was enshrined a tooth relic of Buddha, were situated to the south-west of the town in what is now called Lālā Misar Tolā (Cunningham: *Arch. S. Rep.* I, p. 292). A celebrated temple of Vāmana existed at Kānyakubja (*Padma P.*, Śrīṣṭī, ch. 35; Uttara, ch. 53). The Rang-mahal of the ancient Hindu palace is situated in the south-west angle of the triangular shaped

fort, the remains of which still exist ; the palace is said to have been built by Ajaya Pāla who was killed in 1021 A.D., and it was perhaps from this palace that Prithvī Rāj carried off Saṃpyuktā (*Bhaviṣya P.*, Pratisarga P., Pt., III, ch. 6). 2. That part of the Kāveri, on which Urāgapura (Uraiyur), the capital of Pāṇḍya, was situated (see Mallinātha's commentary on *Raghuvamśa*, canto vi, v. 59) was called Kānyakubjanadi.

Kaṇyā-Tirtha—1. In Kurukshetra. 2. On the Kāveri. 3. Same as **Kumārī**.

Kapāla-Mochana-Tirtha—1. In Bârâṇasī or Benares (*Śiva P.*, I, ch. 49). 2. In Mâyâ-pura (*Padma P.*, Uttara, ch. 51). 3. In Tāmralipta or Tamluk. 4. In the river Sabarmati in Gujarāt (*Padma P.*, Uttara, ch. 53). 5. On the river Sarasvatī called also Auśanasa Tirtha in Kurukshetra (*Mbh.*, Śalya, ch. 40). General Cunningham places the holy tank of Kapāla-Mochana on the east bank of Sarasvatī river, ten miles to the south-east of Sadhora (*Arch. S. Rep.*, vol. XIV, pp. 75, 77).

Kapilā—1. The portion of the river Narbada near its source which issues from the western portion of the sacred *Kuṇḍa*, and running for about two miles falls over the descent of seventy feet into what is known as the Kapiladhârâ (Cousen's *Archæological Survey List of the Central Provinces*, p. 59 ; *Padma P.*, Svarga, ch. 22). 2. A river in Mysore (*Matsya P.*, ch. 22, v. 27).

Kapiladhara—1. Twenty-four miles to the south-west of Nasik : it was the hermitage of Kapila. 2. The first fall of the river Narbada from the Amarakantaka mountains. The Kapilā-saṅgama is near the shrine of Amareśwara on the south bank of the Narbada. See **Kapilā**.

Kapilāgrama—1. The hermitage of Kapila Ṛishi in the island of Sâgara near the mouth of the Ganges (*Bṛihat-Dharmma P.*, Madhya, Kh., ch. 22). The ruins of a temple dedicated to him are situated on the south-east corner of one of the minor islands into which the island of Sâgara is divided by creeks and rivers. See **Sâgara-saṅgama**. 2. Same as **Siddha-pūra** (2).

Kapilavastu—The birth-place of Buddha. It has been identified by Carleyle with Bhuila in the North-western part of the Basti district, about twenty five miles north-east of Fyzabad. He places Kapilavastu between the Ghagrâ and the Gandak, from Fyzabad to the confluence of these rivers (*Arch. S. Rep.*, Vol. XII, p. 108). General Cunningham identifies it with Nagarkhâs on the eastern bank of the Chando Tâl near a large stream named Kohâna, a tributary of the Râptī, and in the northern division of Oudh beyond the Ghagrâ river ; and he supposes that Mokson is the site of the Lumbini garden, where Buddha was born. But Dr. Führer, on the suggestion of Dr. Waddell, has discovered that Kapilavastu lies in the immediate neighbourhood of the Nepalese village called Nigliwa, north of Gorakpur, situated in the Nepalese Terai, thirty-eight miles north-west of the Uska station of the Bengal and North-Western Railway. The Lumbini garden has been identified with the village Paderia, two miles north of Bhagabanpur. The birth of Buddha occurred under a Sal tree (*Shorea robusta*) in the Lumbini garden when Mâyâ Devî, his mother, was travelling from Kapilavastu to Koli. He was born according to Prof. Max Müller (*History of Ancient Sanskrit Literature*, p. 298) in 557 B.C., during the reign of Bimbisara of the Śiśunâga dynasty of Magadha, and died in 477 B.C., but according to Prof. Lassen, and the Ceylonese chronology, he was born in 623 and died in 543 B.C., The ruins of Kapilavastu, according to Dr. Führer, lie eight miles north-west of Paderia. P. C. Mukherji has explored the region and identified Kapilavastu with Tilaura, two miles north of Tauliva which is the head-

quarters of the provincial government of the Tarai, and three and half miles to the south-west of Nigliwa. The town of Kapilavastu comprised the present villages of Chitra-dei Ramghat, Sandwa and Tilaura, of which the last mentioned place contained the fort and the palace within it. It is situated on the east bank of the Bāngaigā, which has been identified with the Bhāgirathī, on the bank of which, according to some authorities, Kapilavastu was situated. He has identified Lumbini-vana with Rūmmin-dei which is a corruption of Lummini-devi, ten miles to the east of Kapilavastu and two miles north of Bhagabanpur, and about a mile to the north of Paderia. The inscription found there on the pillar of Aśoka leaves no doubt as to the accuracy of the identification. It distinctly mentions the name as "Lummini-gāma" and contains a temple of Mâyā Devī. He has identified also Śarakūpa (Arrow-well) with Piprava, which also contains the stupa in which the Śākyas of Kapilavastu enshrined the one-eighth share of Buddha's relics obtained by them after his death. He identifies Kanaka-muni or Kanagamana-Buddha's birth-place Sobhāvatīnagara with Araura, a yojana to the east of Tilaura, and Krakuchandra's birth-place Khemavatinagara with Gutiva, four miles to the south of Tilaura. He has identified the Nyagrodha monastery with the largest mound to the south of Lori-Kudau, which is one mile to the east of Gutiva, and one and a half miles west of Tauliva, and has also identified the place of massacre of the Śākyas by Virudhaka with Sagarwā, two miles to the north of Tilaura-kot (Mukherji's *Antiquities in the Terai, Nepal*, ch. 6). Buddha, when he revisited Kapilavastu at the request of his father Suddhodana who had sent Udāyi called also Kaludā to invite him, dwelt in the Nigrodha garden, where he converted his son Rāhula and his step-brother Nanda. It was also in this Nyagrodhārāma Vihāra that he refused to convert to Buddhism his step-mother Prajāpati and other Śākya princesses, though at the request of Ānanda, he converted them afterwards in Vaiśālī. The names of the twenty-four Buddhas who preceded Gautama Buddha are to be found in the Introduction to the *Mahāvamsa* by Turnour. The Śākyas, including the Koliyans, had republican form of government like the Vajjians including the 8 clans, the Licchhavis of Vaiśālī and others, and the Mallas of Kusināra and Pava. They elected a chief who was called Rājā and who presided over the state. They carried on their business in a public hall called Mote Hall (Santhāgāra). Suddhodana, Buddha's father, was an elected president (Dr. Rhys Davids' *Buddhist India*, p. 19). The contemporaries of Buddha outside India were the prophet Ezekiel and king Josiah in Jerusalem, Cræsus in Lydia, Cyrus in Persia, Anacreon, Sappho, Simonides, Epimenides, Draco, Solon, Æsop, Pythagoras, Anaximander, Anaximenes, and Pisistratus in Greece, Psammeticus in Egypt and Servius Tullius in Rome. Ahasuerus reigned thirty years after Buddha's death (Spence Hardy's *Legends and Theories of the Buddhists*, Introduction, p. xxx).

Kapīśā—1. Kushan, ten miles west of Opian, on the declivity of the Hindu-kush: in short, the country to the north of the Kabul river was Kapīśā, the Kipin of the Chinese travellers. Julian supposes the district to have occupied the Panjshir and Tagao valleys in the north border of Kohistan (Beal's *R.W.C.*, I, p. 55n). It is the Kāpīśī of Pāṇini. Ptolemy places Kapīśā two and half degrees northwards from Kabura or Kabul (*JASB.*, 1840, p. 484). According to Sir R. G. Blandarkar, Kapīśā was North Afghanistan: the country to the north of the Kabul river (*Ind. Ant.*, I, 22). According to Prof. Lassen, Kapīśā is the valley of the Gurbad river (*JASB.*, 1839, p. 146). The town of Kapīśā was once the capital of Gāndhāra (Rapson's *Anc. Ind.*, p. 141). It has been identified with Afghanistan (*Ind. Ant.*, I, 1872, p. 22). 2 The river Subarnarekha in Orissa

(Raghuvamśa, C. IV, v. 38; Lassen's *Ind. Alt.* Map), but Mr. Pargiter correctly identifies Kapiśā with the river Kāsāi which flows through the district of Midnapur in Bengal (*Ancient Countries in Eastern India in JASB.*, Vol. LXVI, Pt. I, 1897, p. 85; *K. Ch.*, p. 197).

Kāpisthala—It is called Kavital by Alberuni (Alberuni's *India*, I, p. 206) which has been corrupted into Kaithal. Kāpisthala of the *Bṛihat-saṃhitā* (xiv, v. 4) is the Kambistholoi of Arrian, Kaithal is situated in the Karnal district, Panjab. It is said to have been founded by Yudhishṭhira. In the centre of the town is an extensive lake.

Kapisthala—Same as **Kāpisthala**.

Kapitha—Identified by General Cunningham (*Anc. Geo.*, p. 369), according to Hiuen Tsiang's description, with Sankisa or Sāṅkāśya, forty miles south-east of Atranji and fifty miles north-west of Kanauj. See **Sāṅkāśya**.

Kapivati—The Bhaigu, a branch of the Rāmgaṅgā (Lassen's *Ind. Alt.*, II, p. 524; *Rāmāyaṇa*, Bk. II, ch. 71).

Karā—The hermitage of Agastya, said to be situated in the Southern Ocean; it may be identified with Kolkai, the Kael of Marco Polo on the mouth of the Tāmbraparnī in Tinnevely (Speyer's *Jātakamālā*—the story of Agastya).

Karāhāṭaka—Karāḍa, in the district of Satara in the Province of Bombay on the confluence of the Kṛishṇā and the Koinā, about forty miles north of Kolhapur; it was conquered by Sahadeva, one of the Pāṇḍavas (*Mbh.*, Sabhā, ch. 31; *Ep. Ind.*, Vol. III, p. 232; Bhandarkar's *Early History of the Dekkan*, see. III). It was the capital of the Silahāra kings and the residence of the Sinda family who claimed to belong to the Nāga-vamśa, being the descendants of Vāsuki; for their history, see *Ep. Ind.*, Vol. III, p. 231. Vikramāditya II, king of Kalyāṇa, married Chandralakhā, the daughter of a Silhāra prince of Karahāṭaka (*Vikramāṅkudeva-charita*, vii). Karahāṭaka was the capital of the country called Kārāṣṭra (*Skanda P.*, Sahyādri kh.).

Karakalla—Karachi, in Sindh: Krokala of Megasthenes.

Karapatha—Kārābagh, or Kālābagh, or Bāghān, as it is now called, on the right or west bank of the Indus, at the foot of the Salt range locally called Nili hill in the Bannu district. It is mentioned in the *Raghuvamśa* (XV, v. 90) as the place where Lakshmana's son Aṅgada was placed as king by his uncle Rāmachandra when he made a division of his empire before his death. It is the "Carabat" of Tavernier. But the distance he gives from Kandahar does not tally with its actual distance from that place (Tavernier's *Travels*, Ball's Ed., Vol. I, p. 91). But it should be observed that there is a town called Kārābagh on the route from Kandahar to Ghazni, 35 miles south-west from the latter place. The surrounding district called also Kārābagh is remarkably fertile (Thornton's *Gazetteer of the Countries Adjacent to India*). It is called Kārupatha in the *Rāmāyaṇa* (Uttara K., ch. 115). The *Padma P.*, (Uttara, ch. 93), however, says the Lakshmana's sons were placed in the country of Madra, which is evidently a mistake for Malla of the *Rāmāyaṇa* (Uttara, ch. 115). It is perhaps Kailavata of the *Bṛihatsaṃhitā* (ch. 14). For a description of Kālābagh or Bāghān, see *JASB.*, 1838, p. 25.

Karāṣṭra—The country was situated between the Vedavati on the south and the Koinā or Koyanā on the north (*Skanda P.*, Sahyādri Kh.). It included the district of Satāra: its capital was Karahāṭaka (*Ind. Ant.*, V, 1876, p. 25).

Karaskara—The country of the Kâraskaras is in the south of India (*Mbh.*, Karṇā, 44; *Baudhāyana*, I, 1, 2; *Matsya P.*, 113). Perhaps it is Kârakal in South Kanara, Madras Presidency, famous for the Jaina and Buddhist pilgrims, which accounts for its being condemned as a place of pilgrimage.

Karatoya—1. A sacred river which flows through the districts of Rangpur, Dinajpur, and Bogra. It formed the boundary between the kingdoms of Bengal and Kâmarûpa at the time of the *Mahābhārata* (Vana, ch. 85): see *Sadanîra*. It flowed through the ancient Puṇḍra (*Skanda P.*). It is called Karatoyā and Kuratî. 2. A river near the Gandhamâdana mountain (*Mbh.* Anuś., ch. 25).

Karavana—Karvan in the territory of the Gaikwar, 15 miles south of Baroda and 8 miles north-east of Miyagam railway station. Nakulisa, the founder of the Pâsupata sect of Saivism, flourished between the 2nd and 5th century A.D. His chief shrine of Śiva called Nakulisa or Nakuleśvara (see *Devî P.*, ch. 63) was at Kârvân. The special holiness attached to the Narbada and its pebbles as Lingas is probably due to the neighbourhood of this shrine of Kârvân (Bhagavanlal Indraji's *Early History of Gujarat*, pp. 83, 84). Same as **Kayavarohana**.

Karavirapura—1. It has been identified with Kolhapur in the Province of Bombay (Madhura Kaviśarmā's *Archavatāraśtala-vaibhava-darpaṇam*; *Padma P.*, Uttara Kh., ch. 74; Râmdâs Sen's *Ātīhāsika Rahasya*, 3rd ed., Pt. II, p. 276). It is locally called Kârvir. Kṛishṇa met here Paraśurâma and killed its king named Śrigâla. Same as *Padmāvatî* on the river Veṇva, a branch of the Kṛishṇa (*Harivaṃśa*, ch. 9). The temple of Mahâ-Lakṣmî is situated at this place (*Devî-Bhāgavata*, vii, chs. 30, 38; *Matsya P.*, ch. 13). In the eleventh century it was the capital of the Silâhâra chiefs. For the genealogy of the Silâhâra dynasty of Kolhapur, see *Ep. Ind.*, vol. III, pp. 208, 211, 213. It appears from an inscription that Kshullakapura is another name for Kolhapur. (*Ep. Ind.*, Vol. III, p. 209). 2. The capital of Brahmāvartta: it was situated on the river Drishadvatî (*Kālikâ P.*, chs. 48, 49).

Karddama-âsrama.—Sitpur or Sidhpur (Siddhapura) in Gujarât, the hermitage of Ṛishi Karddama and birth-place of Kâpila. The hermitage of the Ṛishi was situated on the bank of the Bindusarovara caused by the tears of Viṣṇu (*Bhāgavata P.*, Bk. III, ch. 21). The town itself is situated on the north bank of the river Sarasvatî in the Kadi district of the Baroda State, sixty-four miles north of Ahmadabad.

Karkotaka-Nagara—1. Karra, forty-one miles north-west of Allahabad. It is one of the Pīṭhas where Sati's hand is said to have fallen (Führer's *MAI*). 2. Perhaps Arakan (Rakia) on the "opposite side of Tāmralipta across the eastern sea," i.e., the Bay of Bengal (*Kathâ-sarīt-sāgara*, Pt. I, ch. 18; Tawney's trans., Vol. I, p. 136).

Karmanâsâ—1. The cursed river, the water of which is considered by the Hindus to be polluted, being associated with the sins of Trisanku, the *protégé* of Rishi Visvâmitra (*Vāyû P.*, ch. 88, v. 113). The river is on the western limit of the district of Shahabad in the former province of Bengal and forms the boundary of Bihar and the United Provinces. It issues from a spring situated in a village called Sarodak (Martin's *Eastern India*, Vol. I, p. 400). 2. A small rill in Baidyanâtha (see **Chitâbhumî**).

Karmamanta—Kamta, near Comilla, in the district of Tipârâ, Bengal. It was the capital of Samatâra at the time of the Khadga kings (*JASB.*, 1914, p. 87).

Karṇa-Gaṅgâ.—The river Pendar, a tributary of the Alakânandâ in Garwal.

Karṇakī—A town on the Narbada. It is mentioned as Karṇikā in the *Bṛihat-Sīva P.*, I, ch. 75. It is perhaps the modern Karnali near the junction of the Narbada and the Uri; see **Eraṇḍī** and **Bhadrakarna** (I).

Karṇakubja—Junāgaḍ in Kāthiawāḍ; it is situated in Antargraha-kshetra (*Skanda P.*, Prabhāsa Kh.).

Karṇapura—Near Bhagalpur, now called Karnagaḍ (see **Champapuri**). According to Yule, Karnagaḍ is the Kartinagar of Ptolemy (*JASB.*, Vol. XVIII, p. 395).

Karna-Suvarṇa—Kānsonā, now called Rāṅgāmāṭi in the district of Murshidabad, on the right bank of the Bhāgirathī, six miles south of Berhampur, in Bengal (*Kubjikā Tantra*, ch. 7; *JASB.*, XXII, 281). It was the former capital of Bengal at the time of Ādisura. It was at the request of Ādisura that Bīra Siṃha, king of Kanauj, sent five Brāhmaṇas, Bhaṭṭanārāyaṇa, Dakṣha, Śrīharsha (the author of the *Naishadha-charita*), Chhāndaḍa, and Vedagarbha, to Bengal to perform his sacrifice according to the Vedas. Bhaṭṭanārāyaṇa, the author of the drama *Veṇi-saṃhāra*, is considered by some to have flourished at the court of Dharma Pāla of the Pala dynasty. Even the name of Kānsonā has become antiquated, and the town is now known by the name of Rāṅgāmāṭi. Captain Layard says that Rāṅgāmāṭi was anciently called Kānsonāpurī, and the remains of the greater part of the palace with its gate and towers are distinctly traceable, although the site is now under cultivation (*JASB.*, Vol. XXII, 1853, p. 281). Karṇa-suvarṇa was also the capital of Śaśāṅka or Narendra, the last of the Gupta kings and the great persecutor of the Buddhists, who reigned in Bengal at the latter part of the sixth century, and it was he who treacherously killed Rājyavarddhana, elder brother of Harsha Deva or Śīlāditya II of Kanauj, as related in the *Harsha-charita*. The kingdom of Karṇa-suvarṇa was situated to the west of the Bhāgirathī and included Murshidabad, Bankura, Burdwan, and Hugli. The earth of Rāṅgāmāṭi is red, and the tradition is that Bibhīshana, brother of Rāvaṇa, being invited to a feast by a poor Brahman at Rāṅgāmāṭi, rained down gold on the ground as a token of gratitude and hence the earth is red (*On the Banks of the Bhagirathi* by Rev. J. Long in *Cal. Review*, Vol. VI). This is a figurative way of stating the immense profit which Bengal derived from its trade with Ceylon in precious stones, pearls, &c. (*K. Ch.*, pp. 189, 223). Dr. Waddell identifies Karṇa-suvarṇa with Kāñchannagar (Kānson-nagara) near Burdwan in Bengal (Dr. Waddell's *Discovery of the Exact Site of Asoka's Classic Capital of Pataliputra*, p. 27).

Karṇāṭa—Part of the Carnatic between Ramnad and Seringapatam. It is another name for Kuntaladeśa, the capital of which was Kalyānapura: see **Kuntala-deśa**. According to the *Tārā Tantra*, it was the same as Mahārāshṭra, and extended from Bāmanātha to Śrīraṅgam. Dvāra-samudra was a capital of Karṇāṭa. The kingdom of Vijayanagar was also called Karṇāṭa (*Imperial Gazetteer of India*, Vol. IV). But see *Imperial Gazetteer*, Vol. VII, p. 377 (1886), in which Kanara is said to be Karṇāṭa-deśa, including Mysore, Coorg, and part of the Ceded Districts. The Mysore State was called Karṇāṭaka (*JRAS.*, 1912, p. 482).

Karṇavati—1. The river Kane in Bundelkhand (*Arch. S. Rep.*, Vols. II and XXI). But this name does not appear in any *Purāṇa*. See **Śyenī** and **Śuktimatī**. 2. Ahmadabad in Gujarat. It was built by Rājā Karṇa Deva of the Solanki race of Anahillapattana or Pattana in Gujarat in the eleventh century (Tawney: Merutuṅga's *Prabandhachintāmaṇi*, pp. 80, 97n). Ahmad Shah made it his capital after conquering it. It was also called Srinagar. It is the Rājanagara of the Jainas (*Antiquities of Kathiawad and Kachh* by Burgess; H. Cousen's *Revised Lists of Antiquarian Remains in the Bombay Presidency*, Vol. III).

Karṇika—The Coleroon, a branch of the Kāverī. Both these rivers surround Śrīraṅgam (*Padma P.*, Uttara, ch. 62).

Karṭipura—The kingdom of Karṭipura included Kumaun, Almorah, Garwal and Kangra (*JRAS.*, 1898, p. 198). It was conquered by Samudra Gupta. Mr. Prinsep supposes it to be Tripura or Tippera (*JASB.*, 1837, p. 973). Same as **Katipura**.

Karttikasvāmi—See **Kumārasvāmi**.

Karttikeya-Pura—Baijnāth or Baidyanāth, in the district of Kumaun, about 80 miles from Almora. It is also called Kārttikapura (*Devī P.*, ch. 9; also Dr. Führer's *Monumental Antiquities and Inscriptions*).

Karupatha—Same as **Karapatha**.

Karura—See **Korura**.

Karusha—Two countries by the name of Karusha are mentioned, one in the east and the other in the west. 1. Same as *Adhirāja*, the kingdom of Dantavakra (*Harivaṃśa*, ch. 106). In the *Mahābhārata* it has been named between Matsya and Bhoja (*Bhīṣma P.*, ch. 9). In the *Purāṇas*, it is mentioned as a country on the back of the Vindhya range. According to Mr. Pargiter, Karusha lay south of Kāśī and Vatsa between Chedi on the west and Magadha on the east, enclosing the Kaimur hills: in short, the country of Rewā (*JASB.*, 1895, p. 255; *JRAS.*, 1914, p. 271; Pāṇini's *Sūtra*, IV, I, 178). Same as **Karusha**. 2. A portion of the district of Shahabad in Bihar (*Rāmāyaṇa*, I., ch. 24). According to tradition, the southern portion of the district of Shahabad between the river Śoṇa and Karmanāsā was called Karukh-deśa or Karushadeśa (Martin's *Eastern India*, Vol. I, p. 405). Vedagarbhapurī or modern Buxar was situated in Karusha (*Brahmaṇḍa P.*, Pūrva Kh., ch. 5). 3. It was another name for Puṇḍra (*Bhāgavata*, X, ch. 66).

Karusha—Same as **Karusha**: Rewā.

Kashṭha-Manḍapa—Kātmāṇḍu, the capital of Nepal, founded by Rājā Guṇakāmadeva in 723 A.D. at the junction of the Bagmati and Viṣṇumati rivers. It was anciently called Mañju-Patan (see **Mañjupatan**), after Mañjuśrī, who is said to have founded it. Mañjuśrī was esteemed by the northern Buddhists as their Viśvakarmā or celestial architect (Hodgson's *Literature and Religion of the Buddhists*, p. 62). According to the *Svayambhu Purāṇa*, he was an historical personage who introduced Buddhism into Nepal. Kātmāṇḍu is also called Kāntepura (Wright's *History of Nepal*, p. 9).

Kāśī—Benares. Kāśī was properly the name of the country, of which Benares was the capital (*Fa Hian*; also *Apannaka Jātaka* in the *Jātakas* (Fausboll's ed.) p. 98; *Mbh.*, Bhīṣma, ch. 9; *Rāmāyaṇa*, Uttara, ch. 48). At the time of Buddha, the kingdom of Kāśī was incorporated with the kingdom of Kośala (Lohichcha Sutta in the *Dialogues of the Buddha*, pp. 291, 292). See **Barāṇasī**.

Kāśmīra—Kāśmīr (*Brahma P.*, ch. 54). It is said to have been originally colonised by Kāśyapa, and the hermitage of the Ṛishi is still pointed out in the Hari mountain near Śrīnagar. But see **Kāśyapapura**. He gave his name to Kasgar and Kashmir, and to the people originally called Kāsas or Kassias. Viṣṇu is said to have incarnated in Kāśmīra as the fish (*Matsya-avatāra*), and bound the ship (Nau) (into which form Durga had converted herself to save the creatures from destruction in the great deluge) to the westernmost and highest peak of the three snowy peaks situated on the west of Banhal Pass in the eastern portion of the Pir Pansal range: hence this peak is called *Naubandhana-tīrtha*. It is the Nāvaprabhramśana of the *Atharva-Veda* and the Manoravasarpaṇa

of the *Śatapatha-Brāhmaṇa* (Macdonell's *Hist. of Sanskrit Literature*, p. 144). At the foot of this peak is the Kramasara lake (now called Konsarnâg) which marks a foot-step (Krama) of Viṣṇu (*Śatapatha-Brāhmaṇa* in *SBE.*, XII; *Mbh.*, Vana, ch. 186; Dr. Stein's *Rājatarāṅgiṇī*, II, p. 392). Viṣṇu is also said to have incarnated as the boar (*Varāha-avatāra*) at Baramula, thirty-two miles from Srinagar on the right bank of the Vitastâ (see *Śūkara-kshetra*). Asoka sent here a Buddhist missionary named Majjhantika in 245 B.C. (*Mahāvamsa*, ch. XII). For the history of Kāśmīr, see Kalhana's *Rājatarāṅgiṇī*. It appears from the Jātaka stories that Kāśmīr once formed a part of the kingdom of Gāndhāra (*Jātakas*, Cam. Ed., Vol. III, pp. 222, 229).

Kāśyapapura—Wilson supposes that the name of Kāśmīr is derived from Kāśyapapura, the town of Ṛishi Kāśyapa, the Kaspapyros of Herodotos. Dr. Stein, however, is of opinion that Kāśmīr was never called Kāśyapapura, but it was always called Kāśmīra (Dr. Stein's *Ancient Geography of Kasmir*, pp. 11, 62). Kaspairia of Ptolemy has been identified with Multan. For the legend how the lake Satisara was desecrated and Kāśmīra was created by Kāśyapa, see *Rājatarāṅgiṇī* (Dr. Stein's *Rājatarāṅgiṇī*, Vol. I, p. 5). 1. The hermitage of Ṛishi Kāśyapa was on the Hari mountain, three miles from Srinagar. 2. Multan was also called Kāśyapapura, the Kaspaira of Ptolemy, being founded by Kāśyapa, the father of Hiranyakaśipu (Alberuni's *India*, I, p. 298).

Kāśyapī-Gaṅgā—The river Sabarmati in Guzerat (*Padma Purāṇa*, Uttara, ch. 52).

Kāṭadvīpa—Kāṭwā in the district of Burdwan in Bengal (McCrindle's *Ancient India as described by Megasthenes and Arrian*, p. 187; Wilford in *Asia. Rev.*, V., p. 278). It is a sacred place of pilgrimage to the Vaishṇavas, where Chaitanya at the age of 24 embraced Daṇḍism after leaving his father's home, being initiated into its rites by a Gossain named Keśava Bhāratī. The hairs cut off from his head on the occasion have been preserved in a little temple. Kāṭwā was called Murshidganj after the name of Murshid Kuli Khan, Nawab of Murshidabad. The old fort of Katwa where Ali Verdi Khan defeated the Mahrattas, was situated on a tongue of land between the Ajai and the Bhāgirathī (Bholanauth Chunder's *Travels of a Hindoo*, Vol. I; *Chaitanya-Bhāgavata*, Madhya Kh.). Chaitanya's autograph is preserved in a village called Dadur, 14 miles to the south of Katwa. Same as *Kaṇṭakanagara* and *Kaṇṭaka-dīpa*, the gradual corruptions of which are Kāṭa-dvīpa, Kāṭādia, and Kāṭwā. Krishṇadās Kavirāj, the author of the *Chaitanya-charitāmṛta* lived at Jhāmatpur, 4 miles to the north of Kāṭwā; Nānnur, 16 miles to the south-west of Kāṭwā in the district of Birhhum, was the birth-place of the Vaishṇava poet Chāṇḍidās.

Katripura—Tripura or Tipara (Allahabad Inscription); but Mr. Oldham supposes that the kingdom of Katripura included Kumaun, Almora, Garwal, and Kangra (*JRAS.*, 1898, p. 198). Same as **Kartripura**.

Kaulam—Quilon in Travancore, once a great port on the Malabar coast (Yule's *Marco Polo*, Vol. II, p. 313, note).

Kauninda—See **Kuninda**.

Kausāmbi—Kosambi-nagar or Kosam, an old village on the left bank of the Jamuna, about thirty miles to the west of Allahabad. It was the capital of Vamśadeśa or Vatsyadeśa, the kingdom of Udayana, whose life is given in the *Bṛihāt-Kathā* and *Kathā-sarit-sāgara*, II, ch. I. The *Ratnāvalī*, a drama by Harsha Deva, places its scene at Kausāmbī (see **Hastinapura**). Buddha dwelt in the Ghosita-ārāma of Kausāmbī (*Chullavagga*, pt. I, ch. 25). Udayana or Udena, as he was called by the Buddhists, was the son of King Parantapa: he married Vāsuladattā or Vāsava-dattā, daughter of Chāṇḍa Prajjota

called also Mahâsena (Śrīharsha's *Priyadarsikā*, Acts I, III), king of Ujjayinī. He was converted to Buddhism by Piṇḍola (Dr. Rhys Davids' *Buddhist India*, p. 7), and it was Udayana who first made an image of Buddha who was his contemporary. The image was of sandal-wood, five feet in height. The second image was made by Prasenajit, king of Kōśala, who was also a contemporary of Buddha. It was made of gold (Dr. Edkin's *Chinese Buddhism*, p. 49), but according to Fa Hian, Prasenjit's image was also made of Gośirsha Chandana (sandal-wood). The *Vāsavadattā* by Subhandu, probably written at the beginning of the 9th century A. D., relates the story of Vāsavadattā and Udayana. Vararuchi, called also Kātyāyana, the author of the *Vārttikas*, is said to have been born at Kauśāmbi and became the minister of Nanda, king of Pāṭaliputra (*Kathā-sarit-sāgara*, I, ch. 3).

Kauśiki—1. The river Kusi (*Rāmāyaṇa*, Ādi, ch. 34; *Barāha P.*, ch. 140). According to tradition, the Kusi in remote ages passed south-east by the place where Tajpur is now situated, and thence towards the east until it joined the Brahmaputra, having no communication with the Ganges. When the Kusi joined the Ganges, the united mass of water opened the passage now called the Padmā, and the old channel of the Bhāgīrathī from Songli (Suti) to Nadia was then left comparatively dry (Martin's *Eastern India*, III, p. 15). This junction must have taken place at some period between the third century A. D., when the Sultanganj Jahnu was established, and the 7th century A. D. At Jot-narahari, the Kusi joins the Ganges, and the junction is a place of pilgrimage (Martin's *Eastern India*, III, p. 84). 2. A branch of the Drishadvatī (Chitang) in Kurukshetra (*Vāmana P.*, ch. 34).

Kauśiki-Kachechha—The district of Purnea.

Kauśiki-Sangama—1. The confluence of the Kusi and the Ganges on the opposite side of Kahalgaon and to the north of Pātharghātā in the district of Bhagalpur in Bengal.

2. The confluence of the rivers Drishadvatī and the Kauśiki (*Padma P.*, Svarga Kh., ch. 12). The confluence is near the village of Balu on the Rakshī river, 17 miles to the south of Thanessvara. (*Arch. S. Rep.*, Vol. XIV, p. 88.)

Kautalakapura—Same as Kuntalakapura (*Jaimini-Bhārata*, ch. 53).

Kaveri—1. The Kaveri, a river in southern India which rises from a spring called Chandra-tirtha (*Kūrma P.*, II, ch. 37) in the Brahmagiri mountain in Coorg (*Skanda P.*, Kāveri Māhāt., chs. 11-14; Rice's Mysore and Coorg, III, pp. 8 and 85). The Kaveri-fall at Śivasamudra is one of the most picturesque sights in southern India. 2. The northern branch of the Nerbuda near Māndhātā (Om̐karanātha) mentioned in the *Purāṇas* (*Padma P.*, Svarga Kh., ch. 8; *Matsya P.*, ch. 188). The junction of the Nerbuda and the Kaveri is considered to be a sacred place.

Kāyabaroḥaṇa—Same as Kārāvana (*Skanda P.*, Prabhāsa Kh., I, ch. 79).

Kedāra—Kedāranātha, situated on the southern side of the junction of the Mandākinī and the Dudhgaṅgā. The temple of the Kedāranātha, one of the twelve great Liṅgas of Mahādeva, is built on a ridge jutting out at right angle from the snowy range of the Rudra Himalaya below the peak of the Mahāpanthā in the district of Garwal, United Provinces (see **Amareśvara**). A sacred stream called Mandākinī or the Kālī-gaṅgā has its rise about two days' journey from Kedārnātha from a lake which is said to produce blue lotus, and it joins the Alakānandā at Rudraprayāga. It requires eight days to go from Kedāra to Badrinath, although the distance along a straight line between them is short. It is 15 or 16 days' journey from Haridvāra to Kedārnātha.

The peak of Kedārnātha is said in the *Śiva Purāṇa* (Pt. I, ch. 47), to be situated at Badarikā-āśrama. The worship of Kedāranātha is said to have been established by the Pāṇḍavas (see Pañcha-kedāra). Close to the temple is a precipice called Bhairab Jhāmp, where devotees committed suicide by flinging themselves from the summit. (Dr. Führer's *MAI., Imperial Gazetteer*, Vol. VIII, s.v. *Kedarnath*). Śaṅkarāchārya died at this place (Mādhavāchārya's *Śaṅkaravijaya*, ch. 16). Near the temple is a Kuṇḍa called Reta-Kuṇḍa where Kārttika is said to have been born. (*Skanda P.*, Maheśvara Kh., I, 27; II, 29). Ushi-maṭh is 32 miles lower; it contains the images of Māndhātā and the five Pāṇḍavas.

Kekaya—A country between the Bias and the Sutlej. It was the kingdom of the father of Kaikeyī, one of the wives of Daśaratha, king of Ayodhyā (*Rāmāyaṇa*, Ayodhyā, ch. 68). See **Girivrajapura** (II).

Kerala—The Malabar coast (Wilson's *Mālati and Mādhava*). It comprised Malabar, Travancore, and Kanara (*Rāmāyaṇa*, Kishk., ch. 41) terminating at Cape Comorin on the south and Goa on the north. It is the country of the Nairs. It is sometimes used as synonymous with Chera (Rapson's *Ancient India*, p. 164 and *Indian Coins*, p. 36; Dr. Bhandarkar's *Hist. of the Dekkan*, sec. III). In fact Kerala is the Kanarese dialectal form of the more ancient name of Chera (Hunter's *Imperial Gazetteer of India*, s.v. *Chera*). Śaṅkarāchārya, the celebrated reformer, was born at Kāladi on the bank of the river Purnā at the foot of the mountain called Brīsha in Kanara (Kerala); his father was Śivaguru and his grandfather was Vidyādirāja. See **Chittambalam**. In the Mackenzie Manuscripts, the capital of Keraladeśa is said to be Ananta-Śayanam. Paraśurāma is said to have caused Brāhmaṇas to inhabit this country (*JASB.*, 1838, pp. 183, 128). Gibbon says "Every year about the summer solstice, a fleet of 120 vessels sailed from Myas Hormas, a port of Egypt on the Red Sea. The coast of Malabar or the island of Ceylon was the usual term of their navigation, and it was in those markets, that the merchants from the more remote parts of Asia expected their arrival. This fleet traversed the ocean in about forty days by the periodical assistance of the monsoons." The Kollam era which is in use in Travancore and Malabar, and which commenced in 824 A.D., is a modification of the Saptarshiera (*Ind. Ant.*, Vol. XXVI, p. 118).

Keralaputra—See **Keṭalaputra**.

Keśavatī—The Vishṇumatī river in Nepal, a tributary of the Bāgmati (Wright's *Hist. of Nepal*, pp. 81, 89). It forms four out of the fourteen great Tīrthas of Nepal by its junction with four rivers. The names of the four Tīrthas are Kāma, Nirmala, Akara, and Jugana. But according to the *Svayambhu Purāṇa* (ch. iv), its junction with the rivers Bimalāvatī Bhadrānadi, Svarṇavatī, Pāpanāsinī, and Kanakavatī form the sacred Tīrthas called Manoratha, Nirmala (or Trivenī), Nidhana, Jñāna and Chintāmaṇi respectively.

Keṭakivana—Baidyanāth in the Santal Parganas in Bengal (Dr. R. L. Mitra's *On the Temples of Deoghar* in *JASB.*, 1883, p. 172).

Keṭalaputra—Same as *Kerala* or *Chera* (Aśoka's Girnar Inscription; Bhandarkar's *Early History of the Dekkan*, sec. III, p. 10). It comprised the Malabar Coast, south of the Chandragiri river (V. A. Smith's *Early History of India*, p. 164); it was also called **Keralaputra**.

Ketumala-Varsha—Turkestan and the lands watered by the river Chaksu or Oxus (*Vishṇu P.*, ch. 2; *Mārkaṇḍeya P.*, ch. 59). In oriental history, Turkestan is called Deshti Kiptchak from the Kiptchaks who are the primitive Turkish race. It comprises Kharezm (called also Urgendj) as the Khanat of Khiva is called, the Khanat of Bokhara, and the Khanat of Khokand called also Fergana. Up to the time of Zenghis Khan's conquest in 1225, Bokhara, Samarkhand, Merv, Karshi (Naksheb), and Balkh (Um-ul-Bilad, the mother of cities) were regarded as belonging to Persia, although the government of Khorasan (the district of the sun as it was then called) was under Bagdad (Vamberg's *Travels in Central Asia*, ch. XII, and pp. 339, 367).

Khajjurapura—Khajraha, the capital of the Chandels, in Bundelkhand.

Khalatika-Parvata—The Barabar hill in the Jahanabad sub-division of the district of Gaya, containing the Sātgharâ and Nâgârjuni caves of the time of Aśoka and his grandson Daśaratha. It is about 7 miles east of the Bela station of the Patna-Gaya Railway. Khalatika is evidently a corruption of Skhalatika or Slippery (*Corpus Inscriptionum Indicarum*, Vol. I, p. 32). Some of the inscriptions on the cave show that Daśaratha gave certain cave-hermitages to the Ājīvakas (a sect of naked ascetics). The Ājīvakas are also mentioned in the seventh pillar-edict of Aśoka issued in the twenty-ninth year of his reign (Bühler's *Indian Sect of the Jainas*, p. 39). For a description of the Barabar Hill Caves, see *JASB.*, 1847, pp. 401 and 594 (Nâgârjuni cave). To the south and near the foot of the hill are the seven rock-cut caves called the Sātgharâ. Out of these seven caves, three are on the Nâgârjuni hill. There is also a sacred spring called Pâtâlgaṅgâ. Not far from it, is the Kawaḍol hill (see **ġilabhadra Monastery**).

Khaṇḍava-Prastha—Same as *Indraprastha*: old Delhi (*Mbh.*, Ādi P., ch. 207).

Khâṇḍava-Vana—Mozuffarnagar, at a short distance to the north of Mirat included in ancient Kurukshetra. It is one of the stations of the North-Western Railway. Arjuna, one of the Pāṇḍavas, appeased the hunger of Agni, the god of Fire, at this place (*Mbh.*, Ādi, ch. 225). The name was applied to a great portion of the Mirat division from Bulandshahar to Saharanpur (*Hardwar in the Cal. Review* of 1877, p. 67). Khâṇḍava-vana was situated on a river called Aśvarathâ (*Mbh.*, Vana, ch. 160). According to the *Padma P.*, (Uttara, ch. 64), Khâṇḍava-vana was situated on the Jamuna, and Indraprastha, called also Khâṇḍava-prastha, was a part of it.

Kharki—Aurangabad.

Kharosthra—Kashgar (Dr. Stein's *Sand-buried Ruins of Khotan*, p. 404). The ancient alphabets called Kharosthi were introduced from this country into India. It is situated in that part of Turkestan which is called Lesser Bucharia. It was conquered by Jengiz Khan, and upon the division of his empire, it fell to the share of his son Jagatai; it was then conquered by Tamerlane, and in 1718 by the Chinese (Wright's *Marco Polo*).

Khaśa—The country of the Khaśas was on the south of Kâśmīr, and extended from "Kastvar in the south-east to the Vitastâ in the west", and it included the hill states of Râjapuri and Lohara. The Khaśas are identical with the present Khakha (Dr. Stein's *Râjatarāṅgiṇī*, Vol. II; *Ancient Geography of Kashmir*, p. 430; and *Mārkaṇḍeya P.*, ch. 57).

Khaṭṭāṅga-Prapata—The celebrated water-fall of the river Sarasvatī in Kanara near Hunabar, not far from Mangalore. The sound of the fall is terrible.

Khemavatīnagara—The birth-place of the Buddha Krakuchchanda or Krakuchandra (*Svayambhū P.*, ch. 4). It was also called Khema (*Dīpavaṃśa* in *JASB.*, 1838, p. 793). It has been identified with Gutiva, four miles to the south of Tilaura in the Nepalese Tarai (P. C. Mukherji's *Antiquities of Terai, Nepal*, pp. 49, 55). According to Fa Hian, Krakuchandra's birth-place was Napeikea or Nabhiga.

Khetaka—Kaira, 20 miles south of Ahmedabad, on the river Vetravatî (present Vatrak) in Guzerat, described in the *Padma P.*, (Uttara Kh., ch. 51; *Dasakumâracharita*, ch. 6 and Cunningham's *Anc. Geo.*, p. 492). See **Kachehha**. For a description of the town, see Bishop Heber's *Narrative of a Journey*, Vol. II, p. 156. It contains a Jaina temple.

Khiragrama—Twenty miles north of Burdwan in Bengal. It is one of the Pithas, where a toe of Sati's right foot is said to have fallen. The name of the goddess is Jogâdhyâ.

Khurasan—Khorasan in Central Asia; it was celebrated for its fine breed of horses (*Asvachikitsitam*, ch. 2, by Nakula; see also Ward's *History of the Hindoos*, 2nd ed., Vol. I, p. 558).

Kikaṭa—Magadha (*Vāyu P.*, ch. 105; *Rig-Veda*, III, 53, 14). According to the (*Tārā Tantra*, the name of Kikaṭa was applied to the southern part of Magadha from Mount Varāṇa to Gridhrakuṭa (Ward's *History of the Hindoos*, Vol. I, p. 558).

Kilkila—Kilagila, the capital of Koṭkana (Garrett's *Classical Dictionary* s. v. *Kailakila*). See **Bakataka** and **Kalighaṭa**.

Kimritya—The Kaimur range, between the rivers Sone and Tons. This range is part of the Vindhya hills (Hooker's *Himalayan Journals*, Vol. I, p. 28). It commences near Kaṭāṅgi in the Jubbulpore district and runs through the state of Rewa and the district of Shahabad in Bihar. Same as **Kaira-māli**. Perhaps the names of Kimritya and Kaimur are derived from Kumāra-rājya, a kingdom which was close to Chedi (*Mbh.*, Sabhā, ch. 30).

Kimpurusha-Deśa—Nepal.

Kiragrama—Bajinath in the Punjab; it contains the temple of Baidyanātha, a celebrated place of pilgrimage (*Śiva P.*, cited in the *Arch. S. Rep.*, vol. V, pp. 178, 180) 30 miles to the east of Kot Kangra (*Ep. Ind.*, I, p. 97). Twelve miles to the south-west of Bajinath is the temple of Āśapuri Devī, situated on the top of a lofty hill.

Kirata-Deśa—Tipârâ. The temple of Tripuresvarî at Udaipur in Hill Tipârâ is one of the Pithas (*Mbh.*, Bhîshma, ch. 9; *Brahma P.*, ch. 27; *Vishṇu P.*, Pt. 2, ch. 3). It was the Kirrhadia of Ptolemy, and included Sylhet and Assam (see *Râjamâlâ or Chronicles of Tripura* in *JASB.*, XIX, 1850, p. 536, which contains the history of the Tipârâ Râj). The title of Mânikyā was conferred upon the Râjâ named Ratnâfah by the king of Gauḍ, shortly after 1297 A.D., which title they have retained ever since. The kirâts also lived in the Morung, west of Sikkim (Schoff, *Periplus of the Erythraean Sea*, p. 243). They lived in the region from Nepal to the extreme east *JRAS.*, 1908, p. 326).

Kirīṭakona—One of the Pithas, situated four miles from Dâhâpâdâ in the district of Murshidabad. Sati's crown (*kirīṭa*) is said to have fallen at this place (*Tantrachudâmanî*; P. C. Muzumdar's *Musnud of Murshidabad*). Mr. Beveridge says that it is three miles from Murshidabad (*Old Places in Murshidabad* in the *Calcutta Review*, 1892, p. 208).

Kishkindhâ—"About a mile easterly from Nimbapur, a small hamlet in the suburb of Bijanugger, lies an oval-shaped heap of calcareous scoria, partially covered by grass and other vegetation. The Brahmins aver it to be the ashes of the bones of giant Walli or Bali, an impious tyrant slain here by Râma on his expedition to Laṅkā (Ceylon)." — *JASB.*, vol. XIV, p. 519. It appears from the accounts of pilgrims that the ancient Kishkindhâ is still called by that name and also by the name of Anagandî. It is a small hamlet situated in Dharwad on the south bank of the river Tuigabhadra near Anagandî,

three miles from Bijayanagara (Sewell's *Arch. Surv. of Southern India*, I, p. 322) and close to Bellary (*JRAS.*, 1894, p. 257). About two miles to the south-west of Kishkindhâ is the Pampâ-sarovara, and to the north-west of Pampâ-sarovara is the Añjana hill, where Hanumâna was born; Śavari's hermitage was 60 miles to the west of Kishkindhâ. Râma killed Bâlî, the brother of Sugrîva, and gave the kingdom of Kishkindhâ to the latter (*Râmâyana*, Kishk., ch. 26). Kishkindhâ comprises the hills on the opposite side of the valley that separate it from Humpi, which are wild congeries of fantastic naked granite rocks with narrow valleys between. In one of these is shown the place where the body of Râjâ Bâlî was burned; it is a bed of very white carbonate of lime (Meadows Taylor's *Architecture in Dharwar and Mysore*, p. 70).

Kiyana—The river Kane or Ken in Bundelkhand (Lassen). It runs through the country held by the Chandel kings from south to north dividing it into two nearly equal portions with the capital cities Mahoba and Khajuraha in the western half and the great forts of Kalinjar and Ajayagaḍh in the eastern half (*Arch. S. Rep.*, Vol. XXI, p. 78). See Śyenî, Karṇâvatî and Śuktimatî. The name of Kiyâna is not mentioned in any of the *Purâṇas*.

Klisoboras (of the Greeks)—Growse identifies it with Mâhâvana, six miles to the south of Mathurâ on the opposite bank of the Jamunâ (Growse's *Mathurâ*, p. 279). General Cunningham identifies it with Brîndâvana (Cunningham's *Anc. Geo.*, p. 375). Vajra founded many towns after the name of his grandfather Kṛishṇa, e.g., Kṛishṇapura. Wilkins restores the name to Kalisapura, now called Mugu-nagar by the Musalmans (*Asia. Res.*, Vol. V, p. 270). See *Ind. Ant.*, VI, p. 240 note. It is the Caresobara of Megasthenes.

Koḍagu—Coorg : a country on the Malabar Coast (Caldwell's *Drav. Comp. Gram.*, p. 32). Same as **Kolagiri** [Koragiri of the *Vishṇu P.*, (ch. 57)].

Koḍaṅgalura—Cranganore, a town of Malabar : it is practically identical with Mouziris of Marco Polo, once a seaport of Malabar.

Koil—Aligarh in the United Provinces. Balarâma is said to have killed here the demon Kol.

Kokakshetra—The tract of land to the west of the river Kausikî, or Kusi, including the western portion of the district of Purnea in Bengal (*Varâha P.*, ch. 140, vs. 53 and 72). It included the Barâha-kshetra at Nâthpur below the Trivenî formed by the junction of the three rivers Tâmbar, Aruṇa, and Suna Kusi.

Kokamukha—Barâha-kshetra in the district of Purnea in Bengal on the Trivenî above Nâthpur, where the united Kosis (the Tâmbar, the Aruṇa, and Suna) issue into the plains. See **Mahakaushika** and **Barâhakshetra** (*Varâha P.*, ch. 140; *Nṛisinha P.*, ch. 65).

Kokila—The river Koil which rises in Chota Nagpur and flows through the district of Shahabad in Bihar (*As. Res.*, XIV, p. 405).

Kolachala—It has been identified with the Brahmayoni hill in Gaya. It is considered to be the same as **Kolâhala-parvata**. But it appears that Kolâchala and Kolâhala are two distinct mountains, and Kolâchala may be identified with the Kaluhâ-pâhâḍ (see **Makula-parvata**).

Kolagiri—Same as **Koḍagu** (*Mbh.*, Sabhâ, ch. 30; Pargiter's *Mârkaṇḍ. P.*, p. 364).

Kolâhala-Parvata—1. The Brahmayoni hill in Gaya (*Vâyu P.*, I, ch. 45; Dr. R. L. Mitra's *Buddha Gayâ*, pp. 14, 15), including the hill called Muṇḍa-prishṭha which contains the impression of Gadâdhara's feet (*Ibid.*, II, ch. 50, v. 24). 2. A range of hill in Chedi (*Mbh.*, Âdi, ch. 63). It has been identified by Mr. Beglar with the Kâwâ-kol range in Bihar

(*Arch. S. Rep.*, Vol. VIII, p. 124). But this identification does not appear to be correct ; it is the Bandair range on the south-west of Bundelkhand in which the river Ken the ancient Śuktimatī) has its source (*Mbh.*, Ādi, ch. 63).

Kolāhalapura—Kolar, in the east of Mysore where Kārtavyāryārjuna was killed by Paraśurāma. It was also called Kolālapura, evidently a contraction of Kolāhalapura (Rice's *Mysore Inscriptions* : Intro. xxviii).

Kola-parvatapura.—Its contraction is Kolapura, at present called Kulia-Pāhādapura or simply Pāhādapura (*Kavikaṇkaṇa Chandrai*, p. 228) in the district of Nadia in Bengal. It is the Poloura of Ptolemy situated near the Kambyson mouth of the Ganges. It is not far from Samudragari (ancient Samudragati or 'Entrance into the Sea'), which according to tradition as preserved in the *Navadvīpa-Parikramā* (p. 40) of the Vaiṣṇava poet Narahari Chakravartī, was the place where Gaṅgā (the Ganges) united with Samudra (the Ocean) in ancient time.

Kolapura—See **Karavīrapura** (*Chaitanya-charitāmṛta*, II, ch. 9).

Kolhapura—Same as **Kolapura** (*Padma P.*, Uttara, ch. 62).

Koli—The country of Koli was situated on the opposite side of Kapilavastu across the river Rohinī; its capital was Devadaha. Koli was the kingdom of Suprabuddha or Añjanārāja, whose two daughters Māyā Devī and Prajāpatī *alias* Gautamī were married to Buddha's father Suddhodana. It was also the kingdom of Daṇḍapāṇi, the brother of Buddha's mother Māyā Devī, whose daughter Gopā or Yaśodharā was married by Buddha. The kingdom of Koli has been identified with a portion of the district of Basti in Oudh, comprising a sacred place called *Barādhachhatra* (Upham's *Mahāvamsa*, ch. I). P. C. Mukherji has identified the Rohinī with the rivulet Rohin between Rummindei and Koli in the Nepalese Terai (*The Antiquities in the Tarai, Nepal*, p. 48). Same as **Vyāghrapura**.

Kolkai—The capital of Pāṇḍya at the mouth of the river Tāmbraparṇī in Tinneveli, now five miles inland : it is the Kael of Marco Polo. It is identified also with Ṭuticorin (see **Kalki**). It is evidently the Kara of the Buddhist Birth-Story *Agastya Jātaka*. It is the Kolkhoi of Ptolemy. For an account of Kolkhoi (see Yule's *Marco Polo*, Vol. II, p. 309, n., and Dr. Caldwell's *Dravidian Comparative Grammar*, 3rd ed., p. 12).

Kollāga—A suburb of Vaiśālī (Besar) in the district of Mozaffarpur (Tirhut) in which the Nāya-kula Kshatriyas resided : Mahāvīra, the Jaina Tirthaṅkara, belonged to this class of Kshatriyas. See **Kuṇḍagāma**.

Koluka—Same as **Kulūta**.

Kolvagiri—Same as **Kolagiri** (*Agni P.*, ch. 109) : Coorg.

Komala—Same as **Kamlāṅka** (*Vāyu P.*, II, 37, v. 369).

Koṇaditya—Kanarak (Konarka) or Chandrabhāgā in Orissa (*Brahma P.*, ch. 27). See **Padmakshetra**. Same as **Konārka**.

Konārka—Same as **Padmakshetra** and **Koṇaditya**.

Koṅga-deśa—The modern Coimbatore and Salem (*Mackenzie Manuscripts in JASB.*, 1838, p. 105 ; Rice's *Mysore Inscriptions*, Intro : p. xli) with some parts of Tinnevely and Travancore Wilson's *Mackenzie Collection*, p. 209).

Koṅgama-deśa.—Koṅkaṇ (*JASB.*, 1838, p. 187).

Koṅgu-deśa.—Same as **Koṅga-deśa**.

Koṅkaṇa—Same as **Parasurāma-kshetra** (*Bṛihatsaṃhitā*, ch. 14). Its capital was Tāna (Alberuni's *India*, Vol. I, p. 203). It denotes properly the whole strip of land between the Western Ghāṭs and the Arabian Sea (*Bomb. Gaz.*, Vol. I, Pt. II, p. 283 note).

Koṅkanapura—Anagandi on the northern bank of the Tuṅgabhadrā. It was the capital of the Koṅkaṇa (Cunningham's *Anc. Geo.*, p. 552). Da Cunha identifies it with Bassein (Da Cunha's *Hist. of Chaul and Bassein*, p. 129).

Kori—Same as **Uriyur** (Caldwell's *Drav. Comp. Gram.*, p. 13).

Korkai—See **Kolkai**.

Korura—1. Between Multan and Loni in the district of Multan, where the celebrated Vikramāditya, king of Ujjain completely defeated the Sakas in a decisive battle in 533 A.D.—the date of this battle is supposed to have given rise to the Samvat era (Alberuni's *India*, Vol. II, p. 6). It is also written Karur. According to Mr. Vincent Smith, it was Chandra Gupta II of the Gupta dynasty who assumed the title of Vikramāditya and became king of Ujjain, but according to others, Yaśodharman, the Gupta General usurped the sovereign power and assumed the title of Vikramāditya after defeating the Scythians at Karur. 2. Karur, the ancient capital of Chera, in the Koimbatour district situated near Cranganore on the left bank of the river Amarāvati, a tributary of the Kāverī (Caldwell's Introduction to *Drav. Comp. Grammar*). It is the Karoura of Ptolemy who says that it was the capital of Kerobothras (Keralaputra). It was also called Vañji, and it is the Tāmra-chūda-krora of the *Mallikā-māruta* of Daṇḍi.

Kośa—See **Kaśāsavatī**.

Kośala—Oudh (see **Ayodhya**): it was divided into two kingdoms called North Kośala (Bahraich district) and Kośala (*Rāmāyaṇa*, Uttara K., ch. 107 : *Padma P.*, Uttara, ch. 68 ; *Avadāna Śataka* in *the Sanskrit Buddhist Literature of Nepal* by Dr. R. L. Mitra). The capital of the latter was Kuśāvatī founded by Kuśa, and the capital of the former was Śrāvastī. At the time of Buddha, that is, in the fifth and sixth centuries B.C., Kośala was a powerful kingdom which included Benares and Kapilavastu : its capital was then Śrāvastī. But about 300 B.C. it was absorbed into the Magadha kingdom, the capital of which was Pāṭaliputra (Patna).

Kośala-(Dakṣiṇa)—Gondwana, including the eastern portion of the Central Provinces (*Brahma P.*, ch. 27). Same as **Mahā-Kośala**. At times, its boundaries extended much to the south and west. Its capital was Ratanpura in the eleventh or twelfth century. Its former capital was Chirāyu [see **Kathā-saritsāgara** (Tawney's trans., Vol. I, p. 376) in which the story of Nāgārjuna and king Sadvaha, called also Chirāyu, is given ; cf. Hiuen Tsiang : Beal's *R.W.C.*, II. p. 210]. Nāgārjuna's *Suḥrillekha* (letter to a friend) was dedicated to his old friend Dānapati named Jin-in-ta-ka (Jetaka), a king in a great country in southern India, who was styled Sadvāhana or Sātavāhana (I-tsing's *Record of the Buddhist Religion*, p. 159, translated by Takakusu). As the Sātavāhanas were the Andhrabhṛitya kings of Dhanakaṭaka, and as there was no particular person by the name of Sātavāhana, the king referred to must be a king of Dhanakaṭaka (Jin-in-ta-ka) ; the name of the capital was perhaps mistaken for the name of the king, and the king must have been either Gotamiputra Sātakarni or his son Pulamāyi, most probably the former, who reigned in the second century of the Christian era when Nāgārjuna is said to have flourished (see **Dhanakaṭaka**). It is, however, possible that Yajña Sātakarni, was meant, as he made a gift of the Śrīśaila mountain to Nāgārjuna containing a Buddhist library. Nāgārjuna was the founder of the Mahāyāna school and editor of the original *Sūtrata*. According to Prof. Wilson, Sātavāhana is a synonym of Sālivāhana. The Śaka era which

begins in 78 A.D. is also called the Śālivāhana era, but this is a mistake (see **Pañchanada**). Bidarbha or Berar was called, in the Buddhist period, Dakṣhiṇa Kośala (Cunningham's *Arch. S. Rep.*, XVII, p. 68). Dakṣhiṇa Kośala is mentioned in the *Ratnāvalī* (Act IV) as having been conquered by Udayana, king of Vatsa. Gondwana is the Gaḍ Kāṭaṅga of the Muhammadan historians; it was governed by Durgāvatī, the queen of Dalpat Shah, and heroine of Central India. Dakṣhiṇa-Kośala is the Tosali of Asoka's Inscription at Dhauli (see **Tosali**). The ancient name of Lahnji was Champanattu, that of Ratanpur Manipur, that of Maṇḍala Mahikamati, which towns were the capitals of the Haihayas of Gaḍa-Maṇḍala. For the history of Gaḍa-Maṇḍala, see the *History of the Garha-Maṇḍala Rājās* in *JASB.*, 1837, p. 621.

Koteśvara—A celebrated place of pilgrimage near the mouth of the Kori river on the western shore of Cutch (*Bomb. Gaz.*, V, p. 229). It is the Kie-tsi-shi-fa-lo of Huen Tsiang.

Kota-tirtha—A holy tank situated in the fort of Kalinjar (*Arch. S. Rep.*, Vol. XXI, p. 32; Lieut. Maisey's *Description of the Antiquities of Kalinjar* in *JASB.*, 1848). It is now called Karoḍ-tirtha.

Koṭigīma—Same as **Kuṇḍagama** (*Mahā-parinibbānasutta*, ch. II, 5).

Koṭi-tirtha—1. In Mathurā. 2. A sacred tank in Gokarṇa. 3. In Kurukshetra (*Vāmana P.*, ch. 36). 4. A sacred Kuṇḍa in the court-yard of Mahākāla at Ujjayinī [*Skanda P.*, Avānti Kh., ch. 22; *Padma P.*, Svarga (Ādi), ch. 6]. 5. Same as **Dhanushkoṭi-tirtha** (*Skanda P.*, Brahma Kh., Setu-māhāt., ch. 27). 6. On the Narmadā (*Matsya P.*, ch. 190).

Krathakaisika—Same as **Payoshnī**: the river Pūrṇā in Berar. 2. Same as **Bidarbha**, from Kratha and Kaisika, two sons of king Vidarbha (*Mbh.*, Sabhā, ch. 13).

Krauñcha-Parvata—That part of the Kailāsa mountain on which the lake Mānasa-sarovara is situated (*Rāmāyaṇa*, Kishk., ch. 44). It included *Krauñcha-randhra*.

Krauñchapura—Same as **Banavasi** (*Harivaṃsa*, ch. 94), which has been placed by Dr. Burnell in his Map in the *South Indian Palaeography* in North Kanara on the river Baradā, an affluent of the Tuṅgabhadra. It was founded by Rājā Sārāsa. See **Baijayanti**.

Krauñcha-randhra—The Niti Pass in the district of Kumaun, which affords a passage to Tibet from India (*Meghadūta*, Pt. I, v. 58). The passage is said to have been opened with an arrow by Paraśurāma in the Krauñcha Mountain.

Kṛishṇā—See **Kṛishṇavenī** (*Padma P.*, Svarga Kh., ch. 3, v. 29).

Kṛishṇa-giri—The Karakorum mountain or the Black Mountain (*Vāyu P.*, ch. 36; Bretschneider's *Mediaeval Researches*, Vol. I, p. 256). It is also called Mus-tagh.

Kṛishṇavenī—1. The united stream of the Kṛishṇā and Venā rivers. Bilvamaṅgala, the author of the *Kṛishṇakarnāmṛita*, lived on the western bank of this river (Kṛishṇa Das's *Sāraṅga-raṅgadā*, a commentary on the work, MS., Sansk. Col., Calcutta). 2. The river Kṛishṇā (*Agni P.*, ch. 118; *Rāmāyaṇa*, Kishk., ch. 4). It rises at Mahabalesvara in the Western Ghats, and its source, which is enclosed within a temple of Mahādeva, is considered to be a sacred spot visited by numerous pilgrims. It falls into the Bay of Bengal at Sippelar, a little to the south of Masulipatam.

Kṛitamalā—The river Vaiga, on which Madura (Dakṣhiṇa Mathurā) is situated; it has its source in the Malaya mountain. (*Chaitanya Charitāmṛita*; *Mārkaṇḍeya P.*, ch. 57; *Vishṇu P.*, Pt. II, ch. 3).

Kṛitavati—The river Sabarmati in Gujarāt (*Padma P.*, Uttara, ch. 52).

Kṛivi—The old name of Pañchāla (*Mbh.*, Ādi P., ch. 138).

Kroḍa-deśa—Coorg: same as Koḍagu (*Skanda P.*, Kāverī Māhāt., ch. 11; Rice's *Mysore and Coorg*, Vol. III, pp. 88, 91, 92).

Krokala—Same as **Karakalla**.

Krumu—The river Kunar or the Choaspes of the Greeks, which joins the Kabul river at some distance below Jalalabad (*Rig Veda*, X, 75—the Hymn called *Nadistuti*); it is also called the Kamah river. It has been identified also with the Koram river (McCrindle's *Ptolemy*, p. 95). See **Kuramu**. According to Drs. Macdonell and Keith, it is the river Kurum (*Vedic Index*, Vol. II) which joins the Indus near Isakhel.

Kshatri—The country of the Kathaidi who lived between the Hydraotes (Ravi) and the Hyphasis (Bias), their capital being Saṅgala (McCrindle's *Ptolemy*, p. 157).

Kshatriya-Kuṇḍa—Same as **Kuṇḍapura** (*Śabdakalpadrūma*, s. v. *Tīrthāṅkara*).

Kshemavati—The birth place of Krakuchandra, a former Buddha. It has been identified by P. C. Mukherji with Guṭiva in the Nepalese Terai (P. C. Mukherji's *Antiquities in the Tarai, Nepal*, p. 55). See **Kapilavastu**.

Kshetra-Upaniveśa—In its contracted form Upaniveśa. See **Hupian**.

Kshipra—Same as **Śipra** (*Brahma P.*, ch. 43; *Vāmana P.*, ch. 83, v. 19).

Kshīra-Bhavanī—12 miles from Srinagar in Kasmir. The goddess is within a Kuṇḍu or reservoir of water which assumes different colours in different parts of the day.

Kshiragrāma—See **Khīragrāma**.

Kshudraka—Same as **Śudraka**; called also Kshudra (*Padma P.*, Svarga Kh., ch. 3) and Kshaudraka (Pāṇini's *Ashṭādhyāyī*).

Kubha—1. The Kabul river, the Kophen or Kophes of the Greeks, which rises at the foot of the Kohi Baba from a spring called Sir-i-Chusma, 37 miles to the east of Kabul, and flowing through Kabul falls into the Indus just above Attock (*Rig Veda*, X, 75). It is the Nilah of the Muhammadan historian Abdul Qadir (*JASB.*, 1842, p. 125). 2. The district through which the Kophes (Kophen) or the Kabul river flows. The name of Kabul is derived from the Vedic name of Kubhā. It is the Koa of Ptolemy (McCrindle's *Ptolemy*, VII, ch. I, sec. 27) and Kophen of Arrian (McCrindle's *Megasthenes and Arrian*, p. 191.) The valley of the Kabul river is generally called Ningrahar or Nungnihar, the former being the corruption of the latter word which signifies nine rivers and they are the Surkhrud, the Gandamak, the Kurrussa, the Chiprial, the Hisaruk, the Kote, the Momunddurrah, the Koshkote, and the Kabul river (*JASB.*, 1842, p. 117).

Kubjā—A tributary of the Narbadā (*Padma P.*, Bhūmi, ch. 63).

Kubjagriha—Same as **Kajughira**.

Kubjāmra—It has been identified by some with Hrishikeśa but the identification is not correct. It is a celebrated place of pilgrimage at some distance to the north of Hrishikeśa, sacred to Viṣṇu. The *Māhātmya* of Kubjāmra and Hrishikeśa has been treated separately in the *Varāha P.*, chs. 126 and 146 (*Archavatāra-sthala-vaibhava-darpanam*, p. 108). It was the hermitage of Raibhya Rishi. It is also called Kubjāmra. According to the *Kūrma P.*, Kubjāsrāma or Kubjāmra is identical with Kanakhala (cf. *Kūrma P.*, Upari, ch. 34, v. 34, and ch. 36, v. 10).

kuhu—The Kabul river. The Vedic Kubha appears to have been corrupted into Kuhu during the Pauranic period. The river Sindhu (Indus) is said to pass through the country of the Kuhus, who are mentioned just after the people of Gāndhāra and Urasā in the *Matsya P.* (ch. CXX, v. 46 and ch. CXIII, v. 21). It is evidently the Koa of Ptolemy which has been identified by McCrindle with Kophen (McCrindle's *Invasion of India by Alexander*, p. 61). But according to Prof. Lassen, Koa or Koas of Ptolemy is not the Kophen or Kabul river. Ptolemy says that Koas is the most western river of India, but the westernmost part of India was the country of the Lampakas, who lived near the sources at the Koas. (*JASB.*, 1840, p. 474).

Kukkuṭapāda-Giri—Kurkihar, about three miles north-east of Wazirganj, which is fifteen miles east of Gaya (Grierson's *Notes on the District of Gaya* and Cunningham's *Anc. Geo.*, p. 461). Dr. Stein has identified it with Sobhnāth Peak, the highest point of the Moher Hill in Hasra Kol (*Ind. Ant.*, 1901, p. 88). The three peaks situated about a mile to the north of Kurkihar are said to have been the scene of some of the miracles of the Buddhist saint Mahā Kāśyapa, the celebrated disciple of Buddha, and eventually of his death, and not of Kāśyapa Buddha who preceded Buddha Śākyasiṃha (Rockhill's *Life of Buddha*, p. 161). But Gurupāda-giri of Fa Hian has been considered to be the same as Kukkuṭapāda-giri, so called from its three peaks resembling the foot of a chicken (Legge's *Travels of Fa Hian*, ch. XXXIII; *JASB.*, 1906, p. 77). Hence Kukkuṭapāda-giri is not Kurkihar but Gurpā hill (see **Gurupāda-giri**; for a description of the place, see *JASB.*, XVII, 235).

Kukubha—A mountain in Orissa (*Devī-Bhāgavata*, VIII, ch. 11: Garrett's *Class. Dic.*, s.v. *Kukubha*).

Kukura—A portion of Rajputana, of which the capital was Balmer, the Pi-lo-mi-lo of Hiuen Tsiang. Kukura is the Kiu-chi-lo of the Chinese traveller (*Bṛihat-saṃhitā*, ch. xiv, v. 4; Burgess' *Antiquities of Kathiawad and Kachh*, p. 131; Dr. Bhandarkar's *Early History of the Dekkan*, p. 14 n.). East Rajputana (*Bomb. Gaz.*, Vol. I. Pt. I, p. 36, note; *Padma P.*, Svarga, ch. 3). Same as Daśārha (*Trikāṇḍaśeṣa*, II). The Kukuras were a tribe of Yādavas (Visvanath Deva-Varma's *Rukmiṇīpariṇaya*, VI, 30).

Kukushṭa—Same as *Kakouthā* or *Kakutṭhā* of the *Mahāparinibbāna Sutta*. Buddha crossed this river on his way from Pava to Kuśinagara (*Mahāparinibbāna Sutta* in *SBE.*, XI, p. 74). Kukushṭa has been identified with a small stream called Barhi, which flows to the Chhoṭa-Gaṇḍak, 8 miles below Kasia (see Cunningham's *Anc. Geo.*, p. 435).

Kulinda-deśa—Garwal including the district of Shaharanpur, north of Delhi (*Mahābhārata*, Sabhā, ch. 26). The entire tract of land lying between the upper portion of the Ganges and the Sutlej was called Kulinda, the Kulindrini of Ptolemy. Cunningham places Kulinda-deśa between the Bias and the Tons, including Kulu, the Kuninda of the coins (Cunningham's *Arch. S. Rep.*, Vol. XIV). Same as **Kalinda-deśa**. According to McCrindle, the region of lofty mountains, wherein the Vipāśā, the Śatadru, the Jamunā, and the Ganges have their sources, was the Kylandrine of Ptolemy (p. 109). The Kulindas lived on the southern slope of the Himalaya from Kulu eastward to Nepal (*JRAS.*, 1908, p. 326).

Kulūta—The sub-division of Kulu in the Kangra district in the upper valley of the Bias river, Punjab, to the north-east of Kangra. (*Bṛihat-saṃhitā*, ch. XIV; *Arch. S. Rep.*, 1907-8, p. 260). It formed a part of Kulinda-deśa. Its capital was Nagarkot. Its present head-quarters is Sultanpur called also Stanpur and Raghunathpur from the chief temple dedicated to Raghunath, situated at the confluence of the Serbulli or Serbari, a small stream, with the Bias river (*JASB.*, 1841, p. 3; Fraser's *Himala Mountains*, p. 291). There is a celebrated place of pilgrimage in this sub-division called Trilokanāth (Trailokyanāth), situated on a hill in the village of Tūnda on the left bank of the Chandra-bhāgā (Chenab) river, some 32 miles below the junction of the rivers Chandra and Bhāgā. It contains an image of Avalokiteśvara with six hands, worshipped as an image of Mahādeva (*JASB.*, 1841, p. 105: 1902, p. 35).

Kumāra—Perhaps the corruption of Kumāra is Kaira (see **Kaira-māli**) which was situated very close to Rewa (*Mbh.*, Sabhā, ch. 29).

Kumârasvâmî—1. This is a celebrated place of pilgrimage in Tuluva, 26 miles from Hospet, S. M. Railway, on the river Kumâradhârâ which rises in the Bisli Ghât below the Pushpagiri or Subrahmanya range of the Western Ghats. 2. The temple of Kumârasvâmî or Kârttikasvâmî is situated about a mile from Tiruttani, a station of the Madras and S. M. Railway, on a hill called Krauñcha-parvata. See **Subrahmanya**. It was visited by Śaṅkarâchârya (Āṇanda Giri's *Śaṅkaravijaya*, ch. II, p. 67; *Skanda P.*, Kumârikâ Kh., Kumârasvâmî-mâhât., ch. 14). It is briefly called Svâmî-tîrtha.

Kumâravana—Same as *Kûrmavana* or *Kûrmâchala*: Kumaun (*Vikramorvaśi*, Act IV). See **Kedâra**.

Kumârî—1. Cape Comorin (*Mbh.*, Vana, ch. 88). It contains the celebrated temple of Kumârî Devî (Ziegenbalg's *Genealogy of South-Indian Gods*, Rev. Metzger's trans., p. 39, note). 2. The river Kaorhari which rises in the Suktimat range in the Bihar subdivision near Rajgir. (*Vishnu P.*, II, ch. 3, and *Arch. S. Rep.*, Vol. VIII, p. 125). 3. The Kuârî-nadî of Tavernier (*Travels in India*, Ball's Ed., p. 64) which joins the river Sindh, a tributary of the river Jamunâ, 12 miles from Dholpur. Same as **Sukumârî**.

Kumbhaghona—Kumbhaconum in the Tanjore district. It was one of the capitals of the Chola kingdom and was a celebrated place of learning. The temple of Śiva in Kumbhaconum is one of the most celebrated temples in the Presidency. There is a sacred tank called Kumbhakarna-kapâla in the *Chaitanya-charitâmṛita* (II, ch. 9) or Mahâ-mâgam, where pilgrims from all parts of southern India go to bathe in Mâgh of every twelfth year.

Kumbhakarna—Same as **Kumbhaghona** (*Chaitanya-charitâmṛita*, II, 9).

Kumbhakona—Same as **Kumbhaghona**.

Kuṇḍagâma—It is another name for Vaiśâlî (modern Besarh) in the district of Mezzaffarpur (Tirhut); in fact, Kuṇḍagâma (Kuṇḍagrâma) now called Basukuṇḍa was a part of the suburb of the ancient town of Vaiśâlî, the latter comprising three districts or quarters: Vaiśâlî proper (Besarh), Kuṇḍapura (Basukund), and Vâniagâma (Banîa), inhabited by the Brahman, Kshatriya, and Banîa castes respectively. Under the name of Kuṇḍagâma, the city of Vaiśâlî is mentioned as the birth-place of Mahâvîra, the Jaina Tîrthaṅkara, who was also called Veśali or the man of Veśali. It is the Koṭiggâma of the Buddhists (Prof. Jacobi's *Jaina Sûtras*, Introduction; in *SBE.*, XXII, p. xi). It is also said that he was born at Kollaga, a suburb of Vaiśâlî, where the Nâya or Nâta clan of Kshatriyas resided, and in which was a temple called Chaitya Duipalâsa. (Dr. Hoernle, *Urasagadasao*, p. 4; and his *Jainism and Buddhism*). Mahâvîra is said to have been conceived at first in the womb of the Brâhmaṇî Devanandâ, but Indra caused the embryo to be transferred to the womb of the Kshatriyâ Trisalâ who was also with child, through the agency of his deer-headed general Harineyameshi, who is no doubt the same as Naigamesha or goat-headed god of the Brâhmaṇas (*Ep. Ind.*, Vol. II, pp. 316, 317; *Kalpasaṁhita* in *SBE.*, Vol. XXII, p. 227). Mahâvîra or Varddhamaṇa was the son of Siddhârtha, a chief or "king" of Kuṇḍapura, by his wife Trisalâ, who was sister of Chetaka, king of Vaiśâlî; Chetaka's daughter, Chellanâ, or the Vidha Devî as she was called, was married to Bimbisâra, king of Magadha, and she was the mother of Ajâtasatru or Kuṇika, who married Vajirâ, the daughter of king Prasenajit of Śrâvasti, the brother of his step-mother, the Kośalâ Devî, but according to other accounts Ajâtasatru was the son of Kośalâ Devî. Mahâvîra died at Pâpâ (Pâvâpurî) at the age of 72 in B.C. 527, or according to Mr. Prinsep in 569 B.C., at the age of 70 (Prinsep's *Useful Tables*, Pt. II, p. 33), i.e., 26 years

before the death of Buddha (see **Papa**). According to Dr. Hoernle, Mahāvīra was born in 599 B.C., and he died in 527 B.C. at the age of seventy-two (*Jainism and Buddhism*). Mahāvīra had a daughter named Anojjā or Priyadarśanā by his wife Yaśodā (Jacobi's *Jaina Sūtras* in *SBE.*, XXII, p. 193; Dr. Bühler's *Indian Sect of the Jinas*, pp. 25-29). Nigranthi Jñātiputra or Jñātaputra or Nātaputta, one of the celebrated sages who lived at Rajagriha at the time of Buddha, has been identified with Mahāvīra of the Jinas; he also resided at Śrāvastī when Buddha lived there (see also *Mahāvagga*, VI, 31). Hence Buddhism and Jainism were two contemporary systems. Mahāvīra wandered more than 12 years in Lāḍa in Vajjabhumi and Subhabhumi, the Rāḍha of to-day in Bengal. In the thirteenth year of his wandering life, he attained Jinahood and taught the Nigrantha doctrines, a modification of the religion of Pārśvanātha (Bühler's *Indian Sect of the Jinas*, p. 26). The Nigranthas are mentioned in a pillar edict of Aśoka issued in the 29th year of his reign. During the famine which lasted for twelve years in the reign of Chandragupta, king of Magadha, Bhadrabāhu, who was then at the head of the Jaina Community, emigrated into Karmāṭa (or Canarese) country with a portion of the people, and Sthūlabhadra became the head of the portion that remained in Magadha. At the council held at Pāṭaliputra towards the end of the famine, the Jaina books consisting of eleven *Āṅgas* and fourteen *Pūrvas* (which latter are collectively called the twelfth *Āṅga*) were collected. All the Jinas wore no clothes before, but during the famine, the Pāṭaliputra Jinas commenced wearing clothes. Hence Bhadrabāhu's followers after their return refused to hold fellowship with them and to acknowledge the Sacred Books collected by them, that is the *Āṅgas* and the *Pūrvas*. The final separation between the two sects as Śvetāmvara and Digamvara took place in 79 or 82 A.D. At a council held at Ballabhī in Gujarāt under the presidency of Devarddhi, the sacred books were again settled; this took place in 154 A.D. (Hoernle's *Jainism and Buddhism*).

Kuṇḍapura—Same as **Kuṇḍagāma**.

Kuṇḍilyapura—Same as **Kuṇḍinapura**.

Kuṇḍinapura—The ancient capital of Vidarbha. Dowson identifies it with Kuṇḍapura, about forty miles east of Amarāvati (Dowson's *Classical Dic.*, 4th ed., p. 171 and Wilson's *Mālatī and Mādhava*, Act I). It existed at the time of Bhavabhūti (*Mālatī Mādhava*, Act I). Devalavārā, eleven miles south of Warrora, on the river Wardha (Vidarbha) in the district of Chanda in the Central Provinces, is traditionally known as the ancient Kuṇḍinapura (Cunningham's *Archaeological Survey Report*, IX, p. 133). A fair is held here every year near the temple of Rukmiṇī. Ancient Kuṇḍinapura is said to have extended from the river Wardha to Amarāvati (Amraoti) where the identical temple of Bhavānī, from which she was carried away by Kṛishṇa, is still said to exist. Kuṇḍinapura was the birth-place of Rukmiṇī, the consort of Kṛishṇa. It has been identified with Koṇḍāvir in Berar (Dr. Führer's *Monumental Antiquities and Inscriptions*). Kuṇḍinapura was also called Vidarbhapura (*Harivaṃśa*, II; *Mbh.*, Vana, ch. 73). It appears, however, that Vidarbhapura or Kuṇḍinapura was on the site of Bedar (see **Bidarbha**). Rukmiṇī was formerly married by Kṛishṇa, after she was carried away from Bidarbha, at Mādhavapur, forty miles to the north-west of Prabhāsa or Somanātha (*Archavatāra*). The *Anargharāghavam*, (Act VII, 101) places Kuṇḍinanagara in Mahārāshṭra which, says, included Bidarbha.

Kuninda—Same as **Kulinda-deśa**. It is the Kauninda of *Bṛihat-Saṃhitā*, ch. XIV, v. 30.

Kuntala-deśa—At the time of the Chalukyas, Kuntala-deśa was bounded on the north by the Narbada, on the south by the Tuṅgabhadra, on the west by the Arabian Sea, and on the east by the Godavari and the Eastern Ghats. Its capitals were Nasik and Kalyāṇa at different periods (*Ind. Ant.*, XXII, 1893, p. 182; *Antiquities of Bidar and Aurangabad Districts*, by Burgess). In later times the Southern Mahratta country was called Kuntala (Dr. Bhandarkar's *Hist. of the Dekkan*, sec. xii; *Vāmana P.*, ch. 13). It included the north of the present Mysore country (*JRAS.*, 1911, p. 812). In the *Daśakumāracharita* (ch. 8), it is placed among the dependent kingdoms of Bidarbha. But in the tenth century, the town of Bidarbha is mentioned as being situated in Kuntala-deśa (Rajasekhara's *Karpūra-mañjarī*, Act I). The later inscriptions called it Karṇāṭaka-deśa (*The Literary Remains of Dr. Bhaṇu Daji* by Ramchandra Ghosh, Preface, p. xxxiv). Kuntala was also called Karṇāṭa (see Bühler's note at pp. 27, 28 of the *Introduction to the Vikramāṅkadevacharita* by Bilhana). The *Tārā Tantra* also says that Karṇāṭa was the name of Mahārāshṭra (see Ward's *History, Literature, and Religion of the Hindus*, Vol. I, p. 558). The *Mārkaṇḍeya P.*, ch. 57, mentions two countries by the name of Kuntala, one in Madhyadeśa and the other in Dākṣiṇātya; see **Kuntalapura**.

Kuntalakapura—Kubattur in Sorab in the Shemoga district of Mysore. It was the capital of Kuntaladeśa. It was, according to tradition, the capital of king Chandrahāsa (*Jaimini-Bhārata*, ch. 53; Rice's *Mysore and Coorg*, Vol. II, p. 351). It was situated in Kerala. Chandrāvati was six yojanas or 42 miles from Kuntalakapura. Sarnal, in the Kaira District with which Kuntalakapura is identified (Cousen's *Antiquarian Remains in the Bombay Presidency*, VIII, p. 94) is too far off from Kerala. It was also called Kautalakapura. See **Surabhī**.

Kuntalapura—1. Same as **Kuntalakapura**. 2. General Cunningham places it in the territory of Gwalior (Cunningham's *Arch. S. Rep.*, XX, p. 112). 3. Sarnal in the Kaira district is said to be Kuntalapura.

Kuntī-Bhoja—It was also called Bhoja, an ancient town of Malwā, where Kuntī, the mother of Yudhisṭhira and his brothers, was brought up by her adoptive father Kuntī-Bhoja, king of Bhoja (*Mbh.*, Ādi, chs. 111, 112). It was situated on the bank of a small river called A-vanadī or Aśvarathanadī which falls into the river Chambal (*Mbh.*, Vana, ch. 306; *Bṛihat-Saṃhitā*, ch. 10, v. 15). It was also called Kuntī (*Mbh.*, Bhīṣma P., ch. 9; *Virāṭa P.*, ch. I).

Kupatha—Hiuen Tsiang's *Kie-pan-to* should perhaps be restored to *Kupatha*, mentioned among the mountainous countries in the north-west of India (*Matsya P.*, ch. 113, v. 55), and not to **Kabandha** (q. v.).

Kuramu—The river Koram, a tributary of the Indus (*Ṛig-Veda*, X, 75). Same as **Krumu**.

Kuraṅgapura—Koringa, near the mouth of the Godavari.

Kūrmāchala—Kumaun (*JASB.*, XVII, 580, quoting *Skanda P.*, Manushkhaṇḍa) [*sic* for Māheśvarakhaṇḍa (Kedāra kh.)]. It was also called by the names of Kūrmavana and Kumāravana, the corruption of which is Kumaun. Its former capital was Champauti which was also called Kūrmāchala (Conder's *Modern Traveller*, X, 343), and its present capital is Almora. On the western border is the Trisūl Mountain as its peaks have the appearance of a trident. The celebrated temple of Pūrṇā Devī or Annapūrṇā at Purnagiri, visited by pilgrims from all parts of the country, is situated in Kumaun (*JASB.*, XVII, 573). Viṣṇu is said to have incarnated here near Lohāghāt as Kūrma to support the Mandāra mountain (*Ibid.*, p. 580); see **Mandāra-giri**. The Doonagiri mountain is the

Dronâchala of the *Purâṇas*; the Lōdh Moona forest was the hermitage of Garga Ṛishi, and the Gagas river rises in the forest (p. 617) and falls into the Dhauli. The Kūrmâchali Brahmans who reside in Kumaun have evidently derived this name from the country (Sherring's *Hindu Tribes and Castes*, pp. 21, 106). See **Kartripura Karttikeyapura** and **Umavana**. For the five Prayâgas, see **Pañcha-Prayâga**. The province of Kumaun is situated in the tract of hills lying between the western branch of the Gagra known as Kâlî-nadi and the river Râm-Gaṅgâ which divides Garwal from Kumaun (Fraser's *Himala Mountains*, pp. 54, 537). For the history of the kings of Kumaun, see *JASB.*, 1844, p. 887.

Kūrmakshetra—Eight miles to the east of Chikakol on the sea-coast in the district of Ganjam. It was visited by Chaitanya (Shyamal Goswami's *Gaurasundara*, p. 188). It is now called Śrîkūrma.

Kūrmavana—Same as **Kurmachala**.

Kurujaṅgala—A forest country situated in Sirhind, north-west of Hastinâpura. It was called Śrîkaṇṭhadeśa during the Buddhist period; its capital was Bilâspur. It was included in Kurukshetra. In the sixth century, its capital was Thâneśvara. The seat of Government was removed by Harsha Deva (Siladitya II) to Kanauj (see **Shrîkaṇṭha**). The entire Kurudeśa was called by this name in the *Mbh.* (Ādi P., ch. 201) and *Vâmana P.* (ch. 32). Hastinâpura, the capital of the Kurus, was situated in Kurujaṅgala (*Mbh.*, Ādi, ch. 126).

Kurukshetra—Thaneswar. The district formerly included Sonapat, Amin, Karnal, and Panipat, and was situated between the Sarasvatî on the north and the Drishadvatî on the south (*Mbh.*, Vana, ch. 83), but see Pratap Chandra Roy's edition of the *Mahâbhârata*. The war between the Kurus and the Pândavas took place not only at Thaneswar but also in the country around it. The Dvaipâyana Hrada is situated in Thaneswar. Vyâsas-thali (Modern Basthali) is seventeen miles to the south-west of Thaneswar. At Amin, five miles south of Thaneswar, Abhimanyu, the son of Arjuna, was killed, and Âśvatthâmâ was defeated by Arjuna, and his skull severed. Amin, according to Cunningham, is the contraction of Abhimanyukshetra. At Amin, Aditi gave birth to Sûrya; at Bhore, eight miles to the west of Thaneswar, Bhuriśravâ was killed; at Chakra-tirtha, Kṛishṇa took up his discus to kill Bhîshma; at Nagdu, eleven miles to the south-west of Thaneswar, Bhîshma died; at Asthipura [*Padma P.*, Sṛishti (Ādi), ch. 13], on the west of Thâneswar and south of Aujaś-ghât, the dead bodies of the warriors who were killed in the war, were collected and burned (*Arch. S. Rep.*, Vol. XIV, pp. 86-106). Sonapat and Panipat are the corruptions of Sonaprastha and Pâniprastha, which were two of the five villages demanded by Yudhishthîra from Duryodhana. Kurukshetra was also called Sthânutirtha and Sâmantapañchaka (*Mbh.*, Śalya, ch. 54; Vana, ch. 83); the temple of the Mahâdeva Sthânu was situated half a mile to the north of Thaneswar. It was visited by people as a place of pilgrimage at the time of Alberuni in the eleventh century A.D., especially at the time of eclipse (Alberuni's *India*, Vol. II, p. 147; *Matsya P.*, ch. 191).

Kuśabhavanapura—Sultanpur on the Gumti in Oudh (*Thornton's Gazetteer*). It was visited by Hiuen Tsiang. Same as **Kuśapura**. It was the capital of Kuśa, son of Râmachandra. It is called Kuśasthali in the *Vâyu P.* (Uttara, ch. 26). The capital was removed from Ayodhyâ by Kuśa when he succeeded his father Râmachandra, king of Oudh (*Raghuvamśa*, XV, v. 97; xvi, v. 25).

Kuśāgarapura—Rajgir, the ancient capital of Magadha. Same as **Girivrajapura** (Beal's *R.W.C.*, II, p. 149).

Kuśamapura—1. Properly **Kusumapura** which is the same as **Pāṭaliputra** (*Mahāvamśa*, ch. 5). Kumhrār, the southern quarter of Patna, is evidently a corruption of Kusamapura (Kusumapura), where the royal palace was situated. It was part of Pāṭaliputra (Upham's *Mahāvamśa*, ch. V, p. 46). 2. Kānyakubja.

Kuśapura—Same as **Kuśabhavanapura** (Cunningham's *Anc. Geo.*, p. 398).

Kuśasthala—Kanauj (*Hemakosha*).

Kuśasthali—1. Dwārakā, the capital of Ānartta, in Gujarat. Dwārakā was founded on the deserted site of Kuśasthali by Kṛishṇa (*Harivamśa*, ch. 112). 2. Ujjayinī (*Skanda P.*, Avanti Kh., chs. 24, 31).

Kuśāvatṭa—1. A sacred tank in Tryambaka, twenty-one miles from Nasik, near the source of the Godāvarī. 2. A sacred ghāt in Hardwar.

Kuśāvati—1. Dwārakā in Gujarat (Nilakaṇṭha's Commentary on v. 54, ch. 160, Vana P. of the *Mbh.*) It was founded by Ānartta, the nephew of Ikshvāku. It was also called Kuśasthali and was the capital of Ānartta-deśa (*Śiva P.*, pt. vi, ch. 60). 2. Kuśāvati, which was situated on the border of the Vindhya hills (*Rāmāyaṇa*, Uttara K., ch. 121), was perhaps the ancient Darbhavati (modern Dabhoi), thirty-eight miles north-east of Baroach in Gujarat. It was the capital of Kuśa, son of Rāmachandra. 3. Kaśur in the Panjab, thirty-two miles to the south-east of Lahore. 4. Same as **Kuśabhavanapura** and **Kuśapura** the capital of Kuśa, son of Rāmachandra (*Raghuvamśa*, C. 15, v. 97); Sultanpur in Oudh. 5. Ancient name of Kuśināra or Kuśinagara, where Buddha died (*Mahāparinibbāna Sutta* in *SBE.*, XI, p. 100; *Jātaka*, Cam. Ed., vol. V, p. 141—(*Kuśa-Jātaka*). 6. A place on the bank of the Venā or Wain-Gaṅgā which was given by Āryaka, the founder of the Ābhira dynasty, to Chārudatta after killing Pālaka, the tyrant king of Ujjayinī (*Mūchchhakaṭṭhika*, Aet X, 51).

Kusinagara—The place where Buddha died in 477 B.C., according to Prof. Max Müller, but according to the Ceylonese chronology and Prof. Lassen, he died in 543 B.C., (see Goldstücker's *Pāṇini*, pp. 231-233), at the age of eighty in the eighth year of the reign of Ajātasatru. It has been identified by Prof. Wilson with the present village of Kasia, thirty-seven miles to the east of Gorakhpur and to the north-west of Bettia. Buddha died in the upavattana of Kuśināra in the Śāla grove of the Mallians, between the twin Śāla trees in the third watch of the night, resting on his right side with his head to the north (*Mahāparinibbāna Sutta* in *SBE.*, Vol. XI, pp. 103, 116). Aśoka erected three stūpas on the scene of his death. It was anciently called Kuśāvati (*Jātaka*, Cam. Ed., V, 141—*Kuśa-Jātaka*). The charcoal ashes of Buddha's funeral pyre were enshrined in a stūpa at Barhi now called Moriyanagara in the Nyagrodha forest, visited by Hiuen Tsiang. The ruins of Aniruddha near Kasia in the district of Gorakhpur have been identified with the palaces of the Malla nobles of the Buddhist records. The relics (bones) of Buddha were divided by the Brahmin Droṇa into eight parts among the Licchavis of Vaiśālī, Śākya of Kapilavastu, Bulaya of Allakappaka, Koliyas of Rāmagrāma, Brāhmanas of Bethadri (perhaps Bethiā), Mallas of Pāvā, Mallas of Kuśināra (Kusinagara), and Ajātasatru, king of Pāṭaliputra, who all erected stūpas upon them. The Brahmin Droṇa built a stūpa upon the pitcher with which he had measured the relics, and the Mauryas of Pippalavati built another on the charcoal from Buddha's funeral pyre (*Mahāparinibbāna Sutta*, ch. 6). Dr. Hoey, identifies Kasia with the place where Buddha

received the *kāshaya* or the mendicant robe after he had left his home (*JASB.*, Vol. LXIX, p. 83). Though Mr. Vincent A. Smith doubts the identification of **Kuśinagara** with Kasia, yet the recent exploration by the Archæological Department has set the question at rest. The stūpa adjoining the main temple containing an image of the dying Buddha was opened and a copperplate was discovered showing the following words at the end "Copperplate in the Stūpa of Nirvāṇa."

Kuśināra—Same as **Kuśinagara**.

Kuṣṭana—The kingdom of Khotan in Eastern or Chinese Turkestan, famous for the stone called Jade; hence it is called by the Chinese *Yu* (Jade)-*tien*. It was called by the Chinese *Kū-sa-tan-na* (Bretschneider's *Medieval Researches*, II, p. 48). It was visited by Fa Hian and Hiuen Tsiang. Its old capital was Yotkan, a little to the west of the modern town of Khotan, which in the ancient manuscripts discovered by Dr. Stein is called Khotana and Kustanaka. The territory of Khotan was conquered and colonised by Indian immigrants from Takshaśilā (Taxila) about the second century before the Christian era. Dr. Stein identified the Buddhist stūpa and the Sa-mo-joh monastery of Hiuen Tsiang with the Dōbe in the cemetery of Somiya, a mile to the west of Yotkan. Dr. Stein discovered many Buddhist shrines, stūpas, reliefs and statues of Buddha and Bodhisattvas in stucco at Dandan-Ulig (ancient Li-sieh), Niya, Endere and Rawak buried in the sand of the desert of Taklamakan in the territory of Khotan, and exhumed from the ruins many painted panels and documents written in Brāhmi and Kharoshṭi characters on wooden tablets (*Takhtās*), and papers ranging from the third to the eighth century of the Christian era (Dr. Stein's *Sand-buried Ruins of Khotan*, p. 402). Fa Hian saw at Khotan in the fourth century the drawing of cars of the Buddhist *Tri-ratnas*, Buddha, Dharma, and Sangha, which are the prototypes of the modern Jagannāth, Balarāma, and Subhadrā. At Ujjayinī, at the time of Samprati, Aśoka's successor, the Jainas used to draw a car on which Jivantaswāmi's image was placed (*Sthavirāvalī*, Jacobi's ed., XI). The name of Kuṣṭana has also been mentioned by It-sing (see *Records of the Buddhist Religion* by Takakusu, p. 20). Same as **Stana**.

Kusumapura—Same as **Kusamapura** (*Mudrārākshasa*, Act II).

Kuṭaka—Gadakh, an ancient town containing many old temples in Dharwar district, Bombay Presidency (*Bhāgavata P.*, V, ch. 6).

Kuṭika—The river Kosila, the eastern tributary of the Rāmgaṅgā in Rohilkhand and Oudh (Lassen's *Ind. Ant.*, II, p. 524. and *Rāmāyaṇa*, Ayodhyā K., ch. 71).

Kuṭilā—Same as **Kuṭika**.

Kuṭikoshtikā—The Koh, a small affluent of the Rāmgaṅgā in Oudh (Lassen's *Ind. Ant.*, Vol. II, p. 524 and *Rāmāyaṇa*, Ayodhyā K., ch. 71).

Kuva—Same as **Goparashṭra** and **Govarashṭra**: Southern Koṭkaṇa.

L

Lāḍa—Same as **Lāṭa** (Southern Gujarat) and **Rāḍha** (a portion of Bengal).

Lahaḍa—It is a border-land between Kāśmīr and Dardistan (*Bṛihat-Saṃhitā*, ch. XIV, v. 22; *Ind. Ant.*, XXII, 1893, p. 182—Topographical List of the *Bṛihat-Saṃhitā* by Dr. Fleet.)

Lakragad—The fort of Lakragad was situated on the Rajmahal hills in Bengal; it was an old fort. It is the Lakhnor of Menhajuddin and other Muhammadan historians (Beveridge's *Buchanan Records in C. R.*, 1894).

Lakshmanāvati—1. Lakhnauti is the corruption of Lakshmanāvati. It was another name for Gauda (town), the ruins of which lie near Māldā. It was the capital of the

country of Gauḍa (Tawney: Merutuṅga's *Prabandhachintāmaṇi*, p. 181). It stood on the left bank of the Ganges. It was the capital of Bengal in 730 A.C. (Remell's *Memoir of a Map of Hindoostan*, p. 55), which date, however, does not appear to be correct. Lakshmaṇa Sena, the son and successor of Ballāla Sena and grandson of Vijaya Sena, and great-grandson of Hemanta Sena, the son of Sāmanta Sena (Deopârâ inscription: *Ep. Ind.*, I, 3), is said to have greatly embellished the city of Gauḍ with temples and other public buildings, and called it after his own name, Laknauti or Lakshmaṇâvatî (Martin's *East. Ind.*, III, p. 68). He was a great patron of Sanskrit literature. Jaya Deva of Kenduli,—the author of the celebrated lyric *Gīta Govinda* (*Bhavishya P.*, Pratisarga, Pt. IV, ch. IX), Umâpatidhara, the commentator of the *Kalâpa* grammar and minister of Lakshmaṇa Sena (*Prabandha-chintāmaṇi*, p. 181), Govarddhana Âchârya, the spiritual guide of Lakshmaṇa Sena and author of the *Ârya-saptasatî*, Sarana, and Dhoyi (who is called Kavi Kshamâpati-śrutidhara by Jaya Deva in his *Gīta-Govinda*), the author of the *Parana-dûta*, were called the Pañcharatna or five gems of Lakshmaṇa Sena's court in imitation of the Nava-ratna or nine gems of Vikramâditya (*Ind. Ant.*, Vol. XIV, p. 183 n.) Halâyudha, the author of a dictionary and the spiritual adviser of the monarch, and Śrīdharadâsa, the author of the *Sadukti Karṇāmṛita* also flourished in his court. Lakshmaṇa Sena founded the Lakshmaṇa Samvat (era) in 1108 A.D. (Dr. R. L. Mitra's *Buddha Gaya*, p. 201), but according to Dr. Bühler, in 1119 A.D. (*Deopârâ Inscription of Vijayasena: Ep. Ind.*, Vol. I, p. 307). Hunter considers that the name of Gauḍa was more applicable to the kingdom than to the city (Hunter's *Statistical Account of Bengal*, Vol. VII, p. 51; *Bhavishya P.*, Pratisarga P., Pt. II, ch. 11). For the destruction of Gauḍa and the transfer of Muhammadan capital to Râjmahal in 1592, (see Bradley-Birt's *Story of an Indian Upland*, ch. 2). 2. Lucknow in Oudh. It is said to have been founded by Lakshmaṇa, brother of Râmachandra, king of Oudh. It was repaired by Vikramâditya, king of Ujjayinî. The town was first made the seat of government by Asaf-ud-Daulah in 1775 (Conder's *Modern Traveller*, Vol. IX, p. 296). See **Lucknow** in Pt. II, of this work.

Lakulîsa—See **Nakulîsa**.

Lampaka—Lamghan, on the northern bank of the Kabul river near Peshawâr (*Hemakosha*; Lassen's *History traced from Bactrian and Indo-Scythian Coins* in *JASB.*, 1840, p. 486; *Brahmânḍa P.*, Pûrva, ch. 48). It is also called Muraṇḍâ. It is 20 miles north-west of Jalalabad.

Lampaka—Same as **Lampakâ** (*Mârkânḍ. P.*, ch. 57).

Lângulî—Same as **Lângulîni**. (*Mbh.*, Sabhâ, ch. 9).

Lângulîni—The river Lânguliya on which Chicacole is situated, between Vizianagram and Kalingapatam (Pargiter's *Mârkaṇḍeya P.*, ch. 57, p. 305). It is also called Naglandi river (Thornton's *Gazetteer*, s. v. Ganjam).

Laṅka—1. Ceylon. 2. The town of Laṅkâ or Laṅkâpataram is said to be a mountain on the south-east corner of Ceylon; it is described as Trikûṭa or three-peaked in the *Râmâyana* (Sundara K., ch. I) and was the abode of Râvaṇa (Laṅkâ Kânḍa, ch. 125). It is believed by some to be the present Mantotte in Ceylon, others think it to be a town submerged (Mutu Coomara Swamy's *Dâṭhâvaṃsa*, p. 97). There is a place called Nikumbhilâ, about 40 miles from Colombo, where Indraajita performed his sacrifice (*Buddhist Text Society's Journal*, Vol. III, Pt. I, Appendix). There are some very good reasons to suppose that Laṅkâ and Ceylon are not identical islands; (1) the *Râmâyana* (Kishk. K., ch. 41) says that one must cross the river Tâmraparṇî and go to the south

of the Mahendra range which abuts into the ocean and cross it to reach Laṅkā, or in other words, the island of Laṅkā, according to the *Rāmāyaṇa*, was situated to the south of the Cardamum Mountains which form the southern portion of the Mahendra range, while if Ceylon be the ancient Laṅkā, one is not required to cross the Tāmiarpārṇī river to go to the southern extremity of the Mahendra Mountain in order to reach that island by the Adam's Bridge (or Setubandha Rāmeśvara); 2. Barāha-mihira, the celebrated astronomer, says that Ujjayinī and Laṅkā are situated on the same meridian, while Ceylon lies far to the east of this meridian; 3. Some of the works of the Pauranic times mention Laṅkā and Siṃhala (the corruption of which is Ceylon) as distinct islands (*Bṛihat-Saṃhitā*, ch. 14 and *Devi P.*, chs. 42, 46). On the other hand, the *Mahāvamśa*, the most ancient history of Ceylon composed in the 5th century A.D., distinctly mentions that the island of Laṅkā was called Siṃhala by Vijaya after his conquest, and calls Duṭṭhagāmaṇi and Parākramabāhu kings of Laṅkā or Siṃhala (Geiger's *Mahāvamśa*, chs. VII, XXXI). The *Rājāvalī* also mentions, the tradition of the war of Rāvaṇa in the island of Ceylon (Upham's *Rājāvalī*, Pt. I). Dhammakitti, the author of the *Dāthāvamśa*, who lived in the twelfth century A.D., in the reign of Parākramabāhu I, king of Ceylon, states that Siṃhala and Laṅkā are the same island. It is called Zeilan or Silan (Ceylon) by Marco Polo, who visited it in the thirteenth century A.D. (Wright's *Marco Polo*). For other derivations of the name of Silan, see Col. Yule's *Travels of Marco Polo*, Vol. II, p. 254, note.

Lāṭa—1. Southern Gujarat including Khandesh situated between the river Mahi and the lower Tapti; the Larike of Ptolemy (*Garuḍa P.*, ch. 55; Dowson's *Classical Dictionary of Hindu Mythology*; Dr. Bhandarkar's *Hist. of the Dekkan*, sec. XI, p. 42). It is mentioned in the *Kāmasūtra* of Vātsyāyana. It comprised the collectorates of Surat, Bharoch, Kheda and parts of Baroda territory (*Antiquities of Kathiawad and Kachh* by Burgess). According to Col. Yule, Lāṭa was the ancient name of Gujarat and Northern Konkan (*Marco Polo*, Vol. II, p. 302 n). It is the Lāṭhikā of the Dhavli inscription and Rāṣṭikā (Riṣṭika) of the Girnar inscription of Aśoka. According to Prof. Bühler, Lāṭa is Central Gujarat, the district between the Mahi and Kim rivers, and its chief city was Broach (see Additional Notes, It-sing's *Records of the Buddhist Religion*, by Takakusu, p. 217; Alberuni's *India*, I, p. 205). In the Copperplate Inscription found at Baroda, the capital of Lāṭa or the kingdom of Lāṭeśvara is said to be Elapur (v. II). The inscription also gives the genealogy of the kings of Lāṭeśvara (*JASB.*, vol. VIII, 1839, p. 292). But it is doubtful whether Lāṭa and Lāṭeśvara are identical kingdoms. Lāṭa was also called Lāḍa in the *Biddhasālabhañjikā*; Ollādeśa appears to be identical with Lāṭa (see **Olla**). The Nāgara Brahmins of Lāṭa (Gujarat) are said to have invented the Nagri character. The Devanāgarī character, however, is said to have been derived from the Brāhmi alphabet. 2. Rāḍha : the Lāḍa of Upham's *Mahāvamśa* is a corruption of Rāḍha in Bengal (see **Rāḍha**).

Laṭṭhivana—Same as **Yasṭivana** (*Jātaka*, Cam. ed., IV, p. 179; *Mahāvagga*, I, 22).

Lavanā—The Lun (Looni) or Nun Nadī which rises near Paniar and falls into the Sind at Chandpursonari in Malwa (*Mālatī-mādhava*, Act IX; *Arch. S. Rep.*, Vol. II, p. 308).

Lavapura—Called also Lavakoṭa or Lavavarā afterwards called Lohāwar : Lahore, founded by Lava, the son of Rāmachandra (Tod's *Rajasthan*, I, p. 224). The ruins of the ancient city still exist near the present city of Lahore. In the Jaina Inscriptions at Satruñjaya, it is called Lābhapura (*Ep. Ind.*, Vol. II, pp. 38, 54).

Lilajana—The river Phalgu : but, in fact, the western branch of the river Phalgu, which joins the Mohānā few miles above Gaya, is called by that name. See **Nilajana**.

Lodhra-Kanana—The Lodh-moona forest in Kumaun (*Rāmāyaṇa*, Kishk., ch. 43) : see **Karmachala**. It was the hermitage of Carga Rishi.

Loha—Afghanistan (*Mbh.*, Sabhā, ch. 26). In the tenth century of the Christian era, the last Hindu king was defeated by the Muhammadans, and Afghanistan became a Muhammadan kingdom. See **Kamboja**.

Lohargala—A sacred place in the Himalaya (*Varāha P.*, ch. 15). It is perhaps Lohāghāt in Kumaun, three miles to the north of Champāwat, on the river Loha, as the place is sacred to Viṣṇu (see **Karmachala**).

Lohita-Sarovara—The lake Rāwanhrad, which is the source of the river Lohitya or Brahmaputra (*Brahmāṇḍa P.*, ch. 51).

Lohitya—1. The river Brahmaputra (*Mbh.*, Bhishma P., ch. 9 ; *Raghuvamśa*, c. IV, v. 81 ; *Medinī*). For the birth of Lohitya, the son of Brahma, see *Kālikā P.*, ch. 82. Paraśurāma's axe fell from his hand when he bathed in this river, owing to the sin of killing his mother. According to Kālidāsa, the river was the boundary of Prāgyotisha or Gauhati in Assam (*Raghuvamśa*, IV, v. 81). For a description of the source of the Brahmaputra, see Sven Hedin's *Trans-Himalaya*, Vol. II, ch. 43.

Lohitya-Sarovara—The source of the river Chandrabhāgā or Chinab in Lahoul or Middle Tibet (*Kālikā P.*, ch. 82). It is a small lake now called Chandrabhāgā.

Lokapura—Chanda in the Central Provinces. It contained the temples of Mahākālī and her son Achalesvara who was formerly called Jharpatesvara (*Skanda P.*).

Lomaśa-Āśrama—The Lomasgir-hill, four miles north-east of Rajauli in the sub-division of Nowadah, in the district of Gaya ; it was the hermitage of Lomasa Rishi (Grierson's *Notes on the District of Gaya*, p. 27).

Loṇāra—See **Viṣṇu-Gaya** (*Padma P.*, Uttara, ch. 62 ; Cousen's *Antiquarian Remains in the Central Provinces and Berar*, p. 77).

Lumbini-Vana—Rummen-dei in the Nepalese Terai, two miles to the north of Bhagavānpur and about a mile to the north of Paderia. See **Kapilavastu**. The eight Chaityas or sacred places which are visited by Buddhist pilgrims are (1) The Lumbini Garden in Kapilavastu where Buddha was born ; (2) Bodhi tree in Bodhi-Gaya where he attained Buddhahood ; (3) Mṛigadāva in Benares where he preached his law for the first time ; (4) Jetavana in Śrāvastī where he displayed miraculous powers ; (5) Sāṅkāsya in the district of Kanauj where he descended from the Trayatṛimśa heaven ; (6) Rājagṛiha in Magadha where he taught his disciples ; (7) Vaisālī where he spoke to Ananda about the length of his life ; (8) Kuśinagara where he died in a Śāla grove (*Mahā-parinibbāna Sutta*, VI, 51-62 ; in *SBE.*, Vol. XI).

M

Machchha—Same as *Matsya* (*Aiguttara Nikāya*, Tika Nipāta, ch. 70, para. 17).

Machheri—Alwar, which formerly appertained to the territory of Jaipur (see **Matsya-deśa**).

Madana-Tapovana—Same as **Kamāśrama** (*Raghuvamśa*, xi, 13).

Madguraka—Same as **Modagiri** (*Matsya P.*, ch. 113).

Madhumanta—Same as **Danḍakaranya** (*Rāmāyaṇa*, Uttara, chs. 92, 94).

Madhumati—The Mohwar or Modhwar river which rises near Ranod and falls into the Sind, about eight miles above Sonari in Malwa (*Mālatī-Mādhava*, Act IX, and *Arch. S. Rep.*, II, 308).

Madhupuri—Mathurā : it was founded by Śatrughna, the youngest brother of Rāma, by killing the Rākshasa Lavana, son of Madhu. The town of the demon Madhu has been

identified by Growse with Maholi, five miles to the south-west of the present town of **Mathura**. In Maholi is situated Madhuvana (or forest of Madhu), a place of pilgrimage (Growse's *Mathurā*, pp. 32, 54).

Madhura—Same as **Mathura** (see *Ghaṭa-Jātaka* in the *Jātakas* (Cam. ed.) IV, p. 50, which is a distortion of the story of Kṛishṇa).

Madhuvana—See **Mathura**.

Madhyadeśa—The country bounded by the river Sarasvatī in Kurukshetra, Allahabad, the Himālaya, and the Vindhya; the Anturveda was included in Madhyadeśa (*Manu Saṃhitā*, ch. II, v. 21). The boundaries of Majjhimadeśa of the Buddhists are:—to the east the town Kajaigala and beyond it Mahāsāla; south-east the river Salāvatī; south the town Setakannika; west the town and district Thuna; north Usiradhvaja Mountain (*Mahāvagga*, V, 12, 13). Kāmpilya was originally the eastern limit of Madhyadeśa (Weber's *History of Indian Literature*, p. 115, note). The countries of Pañchāla, Kuru, Matsya, Yaudhya, Paṭachchara, Kunti and Sūrasena were included in Madhyadeśa (*Garuḍa P.*, I, ch. 55). Madhyadeśa includes Brahmarshi-deśa which again includes Brahmāvarṭta (Max Müller's *Rig-Vēda*, Vol. I, 45).

Madhyamarashṭra—Same as **Mahākośala** or **Dakṣhiṇa-Kośala** (Bhaṭṭa Svāmin's Commentary on Kautilya's *Arthasāstra*, Bk. II, Koshādhyaksha).

Madhyameśvara—A place sacred to Śiva on the bank of the Mandākinī (*Kūrma P.*, Pūrva, ch. 33). See **Pañcha-Kedāra**.

Madhyamika—Nāgari near Chitore in Rajputana, which was attacked by Menander; he was defeated by Vasumitra, grandson of Pushyamitra and son of Agnimitra of the Suṅga dynasty, Agnimitra being the viceroy of Vidiśa (Kālidasa's *Mālavikāgnimitra*, Act V; Vincent A. Smith's *Early History of India*, p. 199). Same as **Sibi**. But according to the *Mahābhārata* (Sabhā P., ch. 32), Mādhyamika and Śibi are two different countries, though their names are mentioned together.

Madhyarjuna—Tiruvidaimarudūr, six miles east of Kumbhaconum and 29 miles from Tanjore, Madras Presidency; it was visited by Śaṅkarāchārya (Ānanda Giri's *Śaṅkaravijaya*, ch. 4, p. 16; *Arch. S. Rep.*, 1907-8, p. 231). It is celebrated for its temple.

Madra—A country in the Panjab between the Ravi and the Chinab. Its capital was Sākala. Madra was the kingdom of Rājā Śalya of the *Mahābhārata* (Udyoga, ch. 8), and also of Rājā Asvapati, father of the celebrated Sāvitrī, the wife of Satyavāna (*Matsya P.*, ch. 206, v, 5; *Mbh.*, Vana P., ch. 292). Some suppose that Madra was also called Vāhika. Vāhika, however, appears to be a part of the kingdom of Madra (*Mbh.*, Karna P., ch., 45). Madra was also called Takkadeśa (Hemachandra's *Abhidhāna-chintāmaṇi*).

Magadha—The province of Bihar or properly South Bihar (*Rāmāyaṇa*, Ādi, ch. 32; *Mbh.*, Sabhā P., ch. 24). Its western boundary was the river Sona. The name of Magadha first appears in the *Atharva-saṃhitā*, v, 22, 14; xv, 2. The ancient capital of Magadha was Girivrajapura (modern Rajgir) at the time of Jarāsandha, who was killed by Bhīma, one of the five Pāṇḍavas. The capital was subsequently removed to Pāṭaliputra, which was formerly an insignificant village called by the name of Pāṭaligrāma, enlarged and strengthened by Ajātaśatru, king of Magadha and contemporary of Buddha, to repel the advance of the Vṛjjis of Vaisālī. Udayāśva, the grandson of Ajātaśatru, is said to have removed the capital from Rājagriha to Pāṭaliputra (*Vāyu P.*, II, ch. 37, 369). The country of Magadha extended once south of the Ganges from Benares to Monghyr, and southwards as far as Singhbhum. The people of the neighbouring districts still call the districts

of Patna and Gaya by the name of Magâ, which is a corruption of Magadha. In the *Lalitavistara* (ch. 17) Gayâśīrsha is placed in Magadha. It was originally inhabited by the Cherus and the Kols, who were considered Asuras by the Aryans. After the Andhrabhṛityas of Pāṭaliputra (see **Patna**), the Guptas reigned in Magadha. According to Cunningham the Gupta era commenced in 319 A.D., when Mahārāja Gupta ascended the throne, whereas according to Dr. Fleet (*Corp. Inscript. Ind.*, Vol. III, p. 25), it commenced in 320 A.D., when Chandra Gupta I ascended the throne of Magadha. The Guptas were destroyed by the Epthalites known in India as the Huns whose leader Laclih (Lakhan Udayāditya of the coins) had wrested Gāndhāra from the Kushans and established his capital at Sākala. His descendants gradually conquered the Gupta territories and subverted their kingdom. The capital of the Guptas was at first Pāṭaliputra, and though after Samudra Gupta's conquest it was still regarded officially as the capital, yet, in fact the seat of government was removed to different places at different times.

Magadhi—The river Sone (*Rām.*, I, 32). See **Sumagadhī**.

Mahābalipura—Same as **Banapura**.

Mahabodhi—See **Uravilwa** (*Matsya P.*, ch. 22).

Mahāchīna—China was so called during the mediaeval period (see **Chīna**).

Mahā-Gaṅga—The river Alakānandā in the Himālaya (*Vishṇu Samhitā*, ch. 85; *SBE.*, Vol. VII, p. 257 note).

Mahākauśika—It is formed by the seven Kosis of Nepal, which are the Milamchi, the Sun Kosi (Sona Kosi) or the Bhotea Kosi, the Tamba Kosi, the Likhu Kosi the Dudha Kosi, the Aruna (*Padma P.*, Svarga, ch. 19; *Mbh.*, Vana, ch. 84) and the Tamor (Tamra of the *Mbh.*, Vana, ch. 84). The union of the Tamor, the Aruna and the Sun Kosi forms the Trivenī, a holy place of pilgrimage. The Trivenī is immediately above Varāha-kshetra in Purnea above Nathpur, at the point where or close to which the united Kosis issue into the plains (*JASB.*, XVII, pp. 638, 647, map at p. 761). See **Baraha-kshetra**. Of the seven Kosis, the Tamba or Tamar, and Likhu are lost in the Sun Kosi and the Barun in the Arun (*Ibid.*, p. 644 note).

Mahā-Kośala—Mahā-Kośala comprised the whole country from the source of the Narbada at Amarakaṇṭaka on the north to the Mahānadī on the south, and from the river Wain-Gaṅgā on the west to the Harda and Jonk rivers on the east, and it comprised also the eastern portion of the Central Provinces including the districts of Chhatisgar and Rayapur (see Tivara Deva's Inscription found at Rajim in the *Asiatic Researches*, XV, 508). Same as *Dakṣiṇa-Kośala* (Cousen's *Antiquarian Remains in the Central Provinces and Berar*, p. 59; Cunningham's *Arch. S. Rep.*, Vol. XVII, p. 68). It was the kingdom of the Kalachuris (Rapson's *Indian Coins*, p. 33).

Mahālaya—1. Same as **Omākāranātha** or **Amaresvara** (*Kūrma P.*, Pt. II, ch. 3). 2. In Benares (*Agni P.*, ch. 112).

Mahānadī—1. The Phalgu river in the district of Gaya (*Mbh.*, Ādi P., ch. 215, v. 7—Nīlakaṇṭha's Commentary; Vana, chs. 87, 95). 2. A river in Orissa (*Padma P.*, Svarga, ch. 3).

Mahānai—Same as **Mahānadī** (*K. Ch.*, p. 83, Vaṅgavāsī ed.).

Mahānandi—A place of pilgrimage in the Karnul district (*Ep. Ind.*, Vol. I, p. 368).

Mahapadma-Saras—Same as **Aravalo**; the lake derives its name from the Nāga Mahāpadma. The Wular or Valur lake in Kāśmīr (Dr. Stein's *Rājatarāṅginī*, Vol. I, p. 174, note).

Maharashtra—The Maratha country (*Vāmana P.*, ch. 13): the country watered by the Upper Godāvarī and that lying between that river and the Kṛishṇā. At one time it was synonymous with the Deccan. At the time of Asoka, the country was called Mahārātṭha; he sent here the Buddhist missionary named Mahādhammarakkhita in 245 B.C. (Dr. Geiger's *Mahāvamsa*, ch. XII, p. 85 note). Its ancient name was Asmaka or Assaka at the time of Buddha (see **Aśmaka**). Its ancient capital was Pratiśthāna (Paithān) on the Godāvarī. It was the capital of the junior princes of the Andhrabhṛitya dynasty of the Purāṇas, who were also called Śātakarṇis or in the corrupted form of the word Śālīvāhanas (see **Dhanakaṭaka**). The most powerful of the Andhrabhṛitya kings was Pulumāyi, who reigned from 130 to 154 A.C. He overthrew the dynasty of Nahapāna who probably reigned at Jirṇanagara (Juner). After the Andhrabhṛityas, the Kshatrapa dynasty was in possession of a portion of the Deccan from 218 to 232 A.D., and after them the Ābhīras reigned for 67 years, that is up to 399 A.D.; then the Rāshtrakūṭas (modern Rāthōls) called also Rātṭhis or Rāshṭrikas, from whom the names of Mahārātṭis (Mahārātṭā) and Mahārāshṭrika (Mahārāshṭra) are derived, reigned from the third to the sixth century A.D. Then the Chalukyas reigned from the beginning of the sixth century to 753 A.D. Pulakeśi I, who performed the *āsvamedha* sacrifice, removed his capital from Paithān to Bātāpipura (now called Bādāmi). His grandson Pulakesi II was the most powerful king of this dynasty. He was the contemporary of Khusrau II of Persia. He defeated Harshavarddhana or Silāditya II of Kanauj. During his reign Hiuen Tsiang visited Mahārāshṭra (Mo-ho-la-cha). Dantidurga of the later Rāshtrakūṭa dynasty ascended the throne in 748 A.C., by defeating Kirtivarman II of the Chalukya dynasty. Govinda III was the most powerful prince of the later Rāshtrakūṭa dynasty. His son Amoghavarsha or Sarva made Mānyakheta (modern Malkhed) his capital. The Rāshtrakūṭa dynasty was subverted in 973 A.C., by Tailapa of the later Chalukya dynasty. Āhavamalla or Someśvara I, who reigned from 1040 to 1069, removed his capital from Manyakheta to Kalyāṇa in Kuntala-deśa. His son Tribhuvanamalla Vikramāditya II was the most powerful king who reigned from 1076 to 1126 A.C. In his court flourished Vijñāneśvara, the author of the *Mitāksharā*, and Bilhana, the author of the *Vikramāṅka-deva-charita*. The throne was usurped by Vijjala of the Kalachuri dynasty, who had been a minister of Tailapa II, in 1162 A.C., but the dynasty became extinct in 1192, and the Yādavas became the sovereigns of the Deccan. Bhillama of this dynasty founded the city of Devagiri, modern Daulatābad, and made it his capital in 1187 A.C. Siṅghana was the most powerful king of this dynasty. In his court flourished Chāṇigadeva, the grandson of Bhāshkarāchārya (born in Saka 1036=A.D. 1114), and son of Lakshmīdhara, who was his chief astrologer. In the reign of Rāmachandra, Hemādri, who was probably called Hemadpant and who was the author of the *Chaturvarga-chintāmaṇi*, was his minister. He is said to have constructed in the Deccan most of the temples of a certain style called Hemadpanti temples. Vopadeva, the author of the *Mugdhabodha Vyākaraṇa*, flourished also in the court of Rāmachandra. Dr. Bhau Daji, however, is of opinion that there were many persons of the name of Vopadeva: one the author of the *Mugdhabodha*, another the author of the *Dhātupāṭha* or *Kavikalpadruma*, and a third the commentator of Bhāshkarāchārya's *Lilāvati*, who was the son of Bhimadeva, while Keśava was the father of the author of the grammatical treatise. According to Bhau Daji, the last flourished in the court of Rāmachandra (Rāmachandra Ghosha's *Literary Remains of Dr. Bhau Daji*, ch. viii, pp. 149, 150). Rāmachandra or Rāmadeva was the last of the independent Hindu sovereigns of the Deccan. 'Alāuddīn Khilji defeated Rāmachandra, killed his son Saṅkara and absorbed his dominions into the Muhammadan empire in 1318 A.C. (Dr. Bhandarkar's *Early History of the Dekkan*, sec. xv).

But Rânjha was insistent and would not be refused. He said to Balnath : " Seeing your face has lifted the burden from my soul. By putting all the pleasures of the world behind me I have calmed my sorrows. I have now reached the degree of Jog called Chit Akas after passing through the stages of Bhut Kas and Juda Kas [the three different planes of Jog philosophy]. I will die as a Jogi on your threshold and my blood will be on your head." And when the Chelas [pupils of Balnath] saw that his heart was wavering towards Rânjha, they began to taunt their master, and their tongues were as sharp as daggers that had been sharpened on a whet-stone.

" You are opening your arms to this goodlooking Jat," they said, " and yet you do not give Jog to those who have undergone much trouble for many years. Verily Jogis have become enamoured of comely boys." And Rânjha tried to pacify them saying : " I look upon you all as equals of Balnath and you are all my brothers. With your help I may hope to get salvation in the day of Judgment."

And the Chelas replied : " Boy, listen to us. For eighteen years we have been serving him. We have given up all and live by begging. All day and night we remember God. Yet he does not give us Jog. He is sometimes like fire and sometimes like water. We cannot discover his secret."

And the Chelas in their anger intrigued with each other and rebelled against Balnath. They left the Jogi's house and kitchen. They pierced the Guru (Holy man) with their shameless taunts.

Whereupon the Guru rebuked them and his anger blazed from his eyes. The Chelas instantly obeyed him, so powerful was the enchantment that the Guru laid upon them. All ill feeling vanished from their minds. They obeyed the orders of their Guru and brought Balnath the earrings as he had told them, and the razor wherewith to shave Rânjha. And the Guru took off Rânjha's clothes and having rubbed him in ashes and embraced him, made him sit by his side. Then he took the razor of separation and shaved him completely. Then he bored his ears and put earrings on him. He gave him the beggars' bowl, the rosary, the horn and the shell in his hands, and made him learn the word Alakh [God]. He taught him the way of God and the Gurus from the beginning, saying : " Your heart should be far from other men's women. That is the way of Jog. An old woman should be treated as your mother and a young woman as your sister."

But Rânjha having achieved his desire and having been granted Jog, shook off the disguise of penitence and replied boldly to Balnath : " Cease vexing me any longer. Even though you force your advice down my throat, I will not follow it. Who has taught you to captivate young men and to ensnare them in your net ?"

Hearing this Balnath reproved Rânjha, saying : " Remember you have adopted the creed of humiliation and beggary and you should banish all impure thoughts from your mind and not disgrace the creed of a fakir."

Rânjha replied : " Had I been only a lover of God I should have sought only Him. If I had been silent before the love of women, would I have deserted my family and ruined myself. Hir has captivated my heart. That is why I have become a Jogi. I have become a Fakir only that I might keep my Love in remembrance. Had I known that you would try to keep me from my Love, I would never have set foot on your hill of Tilla. Had I known that you would bore my ears, I would have put these earrings in the fire. Set my ears right or I will bring the sepoy of the Sirkar [Government] here."

And Balnath was sad and hung his head on hearing these wild words, and he said : " Verily I repent and am sorry for having given Jog to this youth. He has got the treasures of Jog without spending a single farthing." And he entreated Rânjha to give up his wilful and evil

ways and to become a true Fakir. But Rânjha laughed him to scorn saying : " We Jats are cunning strategists and we use all means to compass our hearts desire. I will invoke the name of my Pir, my Guru and of God and pitch my flag in Rangpur where I will cut off the nose of the Kheras and spite the Sials. Do not think I can ever give up Hîr. Gurus who try to keep their disciples from women are as foolish as driven cattle. I will open my heart frankly to you. What can a Jat do with a beggar's bowl or horn, whose heart is set only on ploughing ? What is the good of teaching him to tell his beads when all he can do is to tell the tale of his cattle ? I will be frank with you. I must search for my beloved. She belongs to me. And I am pursuing nobody else's property. The snake of Love has coiled itself round my heart and is sucking my lifeblood from me. My bones and my flesh melt when I am separated from Hîr. Love fell on us when we were both young. Hîr had her hair in long plaits and I had a small beard. We passed the Spring and Summer of our love together. Then evil days came and Hîr's parents preferred to marry her elsewhere ; and they betrothed her to the Kheras. When the storm wind of calamity fell upon me I became a Fakir and embraced the labours of austerity. You are the only true Guru in the world, and it is only through your kindness that a poor traveller can guide his boat ashore. Give me Hîr. That is all I ask. My heart begs for Hîr and for Hîr alone."

At last the Guru understood that Rânjha had been wounded sore by the arrow of love and that he would never give up the search for his beloved. So he prayed and poured ashes over his body and plunged his soul into the deep waters of meditation. He closed his eyes in the Darbar of God and uttered this prayer.

" Oh God, the Lord of earth and sky, Rânjha the Jat has given up kith and kin and all that he possesses and has become a Fakir for the love of the eyes of Hîr, who has slain him with the arrow of Love. Grant, Oh Lord, that he may get his heart's desire."

The Five Pirs also prayed in the Court of God that Rânjha might receive that which his heart desired. Then there came a reply from the Darbar of God. " Hîr has been bestowed on Rânjha and his boat has been taken ashore." So Balnath opened his eyes and said to Rânjha : " My son, your prayer has been granted. The True God has bestowed Hîr upon you. The pearl and the ruby have been strung together. Go and invade the Kheras and utterly subdue them."

CHAPTER 21.

(Rânjha leaves Tilla for Rangpur disguised as a Jogi.)

So Rânjha made haste to leave Tilla and he collected strange herbs and potent roots from the woods and put them in his wallet, that he might appear as one skilled in medicine. And he determined to learn spells and enchantments and sorceries so that he might capture his beloved. He was determined that if necessary he would wear bangles like Mian Lal Hosain Shahbeg and kiss the feet of a dog like Majnun had done. So Rânjha set out from Tilla having bidden farewell to Balnath. The destroyer of the Kheras started like the stormcloud that moves to the place where it has fallen once before.

As he passed from village to village the people said to themselves : " This boy does not look like a Jogi. His wooden earrings and beggar's clothes do not suit him. His build is not that of a Jogi. His bones and feet are hard. Surely some proud woman has made him turn Fakir."

And Rânjha replied : " I am the perfect Nath descended from seven generations of Naths. I have never handled a plough. My name is Dukh Bhajan Nath and I am the grandson of Dhanantar Vaid.¹ My Guru is Hîra Nath and I am going to worship at his shrine.

¹ Dhanantar Vaid was a celebrated Hindu Physician. Dukh Bhajan Nath is a play upon words meaning the Nath weighed down by sorrows. Hîra Nath refers to his worship of Hîr.

Any one who opposes me goes sonless from this world."

And he strode off with swinging steps as one intoxicated, even as camel-men swing riding on a camel's back. He made straight for the Kheras abode even as a stream in flood sweeps down the bed of the river or as a lion springs on its victim. A partridge sang on the right as he started and he took this as a good omen.

He was filled with love even as rain pours down in the darkness of a pitch black night. As Rânjha entered the neighbourhood of Rangpur he met a shepherd grazing his sheep, and the shepherd looked at the Jogi as a lover looks into the eyes of his beloved, and said: "Tell me without disguise what country have you come from?"

The Jogi replied: "I come from the river Ganges. I am a bird of passage from the other side of the river. We Jogis stay in one place for twelve years and then wander for twelve years and we bring success to those who meet us."

The shepherd replied: "Real Fakirs do not tell lies. You claim to be a Fakir and you are telling a lie. You cannot deceive a shepherd. They are the most cunning of all mankind. You are the Sials shepherd and your name is Rânjha. You used to graze the buffaloes of Chuchak. You and Hir used to spend your time in the forest. You are the famous lover of Hir. The Sials were always taunted about you and Hir. All the world knew your story. You should flee from the Kheras or they will kill you."

And the Jogi replied to the shepherd: "Surely you will be punished for telling such lies. I and mine have been Fakirs from seven generations. I have nothing to do with the world. I deal with beads of penitence and beggar bowls and live by asking alms. If you wish well for yourself do not call me a servant, for I am without doubt a holy man. I fear the very name of women. Who is Rânjha and who is Hir? If you call me a servant I will tear you in pieces." The Jogi shook with anger. The water of wrath gleamed in his angry eyes. And the shepherd afraid of the wrath of the Jogi fell at his feet and folded his hands in supplication, saying: "Pir [*i.e.*, Holy man], forgive my sin. The grazer of buffaloes that I knew closely resembled you and such mistakes are pardonable. I will tell you all the story."

And he told the Jogi the story of Rânjha and Hir, spread his blanket before him and treated him kindly. Meanwhile a wolf fell on the sheep, and the shepherd in his distress called to the Jogi to attack the wolf, for he had counted his flock and found the wolf had slain seven lambs and one sheep. The Jogi did as the shepherd besought him and confronted the wolf in battle. The Jogi called upon the Five Pirs who supported him in the encounter. He smote the wolf with his beggar's bowl and the wolf fell to the ground like a log. Then the Jogi pierced him with his Fakir's tongs and brought the body to the shepherd who was amazed at the sight. So the shepherd was convinced that the Jogi was a perfect saint and endowed with miraculous power and he fell at his feet in supplication.

And Rânjha said: "Brother, let us sit down and talk together. We must take care that our secret does not leak out."

The shepherd replied: "You have disgraced the name of Love. Having won her love you should have run away with her. Either you should have never fallen in love with her, or having once loved her, you should have killed her rather than let another have her. When the Kheras took her away in marriage you should have shaved your beard in the assembly. You should have died rather than be disgraced as you have been disgraced."

Rânjha replied: "Your speech breaks my heart but we Jogis have patience even when we are trampled on."

The shepherd replied: "You fool. Take the girl away if you can. Saida is no friend of ours. You have got your ears bored and you have grazed buffaloes for twelve years and are you still afraid of what the world will say? When you go to Rangpur to beg through the

city, go carefully. The girls of the city will tease you but you should leave them severely alone and not tarnish the name of a Fakir. Sehti the sister of Saida is a clever woman and you should beware of her. She is certain to be your enemy. She is not afraid of any Fakir. She is in love with a Baluch camel-driver. You should let her understand that you know this. May God help you in your task. Fortune favours you. Your star is in the ascendant Rânjha; you are about to ascend the throne of Akbar. The jackal of Hazara is going to try and capture the lioness of Jhang. You, a fox of the jungle of Takht Hazara, will become as favoured as a delicate musk deer of Khotan. You have heaped disgrace on the Sials and now you are going to humiliate the Kheras.

CHAPTER 22.

(Rânjha arrives at Rangpur.)

So it came to pass that Rânjha came to the village of the Kheras. The girls of the village were taking water from the well when Rânjha addressed them. Some suspected he was the lover of Hir but they said nothing. A woman told him the name of the village, and Rânjha rejoiced when he heard the name. "Ajjū," she said, "is the headman of the village and Saida is his son who stole away Hîr the bride of Rânjha." And Rânjha rejoiced when he heard the name of Hîr. The children of the village followed him about as he begged from house to house and the young men asked him what he thought of the place when he had inspected all the girls.

And Rânjha replied : "How can I fix my attention on the Kheras with all these girls about ? Their bright eyes slay their lovers as with a sharp sword. The scent of their flowers and the black of their eyelashes have dealt death and destruction in the bazaar."

The beauties of Rangpur thronged round the Jogi like moths round a lamp. They overwhelmed him with their surpassing beauty. His eyes shone in amazement. When the women of the village saw the beauty of the Jogi they surrounded him in multitudes, old and young, fat and thin, married and unmarried. They poured out all their woes to the Fakir and many wept as they told their stories. Some complained of their poverty : others yearned for children : others complained of their father-in-law or mother-in-law. Some complained that their husbands beat them ; others that their neighbours were unkind. Others said : "Our sons have gone to a distant country. When will they return ?" Some said : "For God's sake deliver me from the pains of Love. Its flame has scorched me ever since I was born."

Rânjha made all the girls sit close to him and told them to fetch freshly broken potsherds from the kiln. On them he drew mysterious lines and signs. Some he told to wear them round their necks. Others to bind them round their loins. Others he told to put them in pitchers of water and to make all the family drink them. "Thus fathers-in-law, mothers-in-law, husbands, brothers and everybody will become kind". To others he said : "Be composed ; God has fulfilled all your hopes."

The girls came trooping out of their houses when they heard of the Jogi, saying : "Mother, a Jogi has come to our village with rings in his ears. He has a beggar's bowl in his hand and a necklace of beads round his neck. He has long hair like a juggler. His eyes are red and shine with the brilliancy of fire. Sometimes he plays on the King [a musical instrument] and weeps. At other times he plays on the Nad [another musical instrument] and laughs. He calls on God day and night. He is the chela [pupil] of Balnath and the love of someone has pierced his heart."

And Saida's sister said to Hîr : "Sister, this Jogi is as beautiful as the moon and as slender as a cypress tree. He is the son of some lucky mother. He is searching about as if he had lost some valuable pearl. He is more beautiful even than you. He cries, "God be with you" as if he had lost some beloved friend. Did not Mirza and Sahiba lose their lives

for Love ? Did not Joseph suffer imprisonment for twelve years for the love of Zuleika ? Was not Kama ground to powder for Love's sake ? Surely this Jogi is a very thief of beauty and that is why he has had his ears bored. Some say he has come from Jhang Sial. Others say he has come from Hazara. Some say he is in love with somebody and that is why he has had his head shaved. Some say he is not a Jogi at all but has got his ears bored for the sake of Hîr."

And Hîr replied : " I entreat you not to touch on this subject. It appears to me that this is a true message from God, and that it is Rânjha. My love for him has already ruined my life. Why has he come to destroy me again ? He has lost his beloved and has also got his ears bored. What benefit has he received from Love ? He became a shepherd and then cast dust and ashes on his body and relinquished all hope of name or fame."

And Hîr wept secretly and tears poured like rain from her eyes. And she said to the girls : " Bring him somehow to me that we may find out where he comes from and who he is, who is his Guru and who bored his ears."

The girls drawing water at the well made merry with the Jogi, saying : " This is what becomes of the man who runs after girls. It is only those who have lost their hearts that bore their ears ". And they tantalised him by displaying their charms. They burnt his heart sorely by saying : " Hîr is very happy with the Kheras. " They sidled up to him and touched him with their hands. They said : " You have shown us your gracious presence. Now come and let your sun shine in the courtyard of Hîr. Be kind to us and walk down with us to the house of Ajju and look at Pretty Sehti. Come into her courtyard and look at Hîr. " And they laughingly said : " Sir, Fakir, we stand before you with folded hands. Please accede to our request and lay us poor women under a debt of gratitude."

To which Rânjha replied haughtily : " My family have been Fakirs for seven generations and we do not know the ways of the world. I eat *kand* and *mul* [narcotic preparations of opium] in desolate places and enjoy the hermit life of the jungle. I know all about wolves, deer, lions and tigers. You are all mines of beauty, but what concern has a Jogi with beauty ? I know all about medicines and healing herbs. The haunts of people and populous cities I avoid. I only know the ways of hermits, recluses, pilgrimages, Gurus, Jogis, and Bairagis. Other people pound and sift bhang and sherbet. I sift men at a glance. I can banish fairies, jinns, women and Satan himself. By my spells and incantations, I can compel men to submit to me."

And the girls encircled round the handsome Jogi and asked him ceaseless questions about himself.

Rânjha replied : " Do not ask vain questions. A snake, a lion and a Fakir have no country. We are dervishes and have no kith and kin. What care we for bed or board, for the headman of a village or his women folk ? You are all fairy queens and wise and witty women. I am a God-intoxicated Fakir who have left the world and the things of the world behind me. I pray you leave me alone. Why pick up a quarrel with a poor Fakir ? I am helpless in your presence. Why, did not you women put Harut and Marut in the well. You defeated even Plato and Æsop. You would tease the very angels themselves. Go and look for some youth of your own age and leave the poor Fakir alone. Why do you seek to ensnare me in the entanglement of your beauty ? Women verily are faithless. I will never take their advice."

So the girls went and told Hîr : " Hîr, we have entreated the Jogi but he will not listen to us. We have praised the Kheras but he takes no notice. Hîr, why do you lie weary and sad on your bed all day and no one speaks to you for fear of your displeasure."

Hir replies : " Girls, you may pierce me with a thousand taunts, but who can withstand the decree of God ? I do not blame you. God does what he wishes. What was to be has been. All the miseries of the world have fallen on my head and yet I have not quarrelled with you."

And the girls replied : " You have only just been married. What can you know of misery ? You have shared no secrets with us. So keep your tongue under control. You yourself told us to go and fetch the Jogi and now you deny it."

And Hir replied : " Girls, you try and fix the responsibility on others for what you have done yourselves. I was destined for evil and God has drowned me in sorrow. It was a bad day when I was given to the Kheras in marriage."

The girls replied : " Daughters-in-law are usually afraid of their fathers and brothers-in-law, but your father-in-law is afraid of you. Other brides milk the cows, knead the bread and grind the corn, but you never lift a straw. Women like you are afraid of witches in the day time but swim across broad rivers at night."

Hir replied : " You taunt other people's daughters but you have never been entrapped in the net of Love."

The girls answered : " Why do you quarrel with us ? We never stood between you and your lover."

Hir said : " You bad wicked girls, destroyers of your own parents. What do you mean by your rash words ? What you have said has burnt my heart. Verily I have a long and weary road to travel. I would that Rânjha would come and embrace me or that even in my dreams I might meet him."

The girls replied : " What we have said has been out of kindness for you, and we bear no ill-will towards you. If the subject was grievous to you, to whom but you should we have mentioned it ? If you wished to hide your secret in your father-in-law's house, you should not have blazoned it abroad when you were living with your parents. Why do you cry out when the truth has been told you ? You should not have engaged in the game of Love without deep forethought. Now you turn round and abuse us. What object had we in calling the Jogi ? Was it not you who asked us to do it ? The whole world knows about your love. Why do you make yourself an object of disdain ?"

And Hir replied angrily and sarcastically : " From your childhood upwards you have been learning unseemly tricks. You are the sort of girls who set aside the blanket of shame and dance in public. Verily you will be the salvation of your relatives, and the people into whose houses you marry will be exceedingly fortunate."

Meanwhile Hir's heart was rent with the pangs of separation from her lover and she was devising some way of seeing Rânjha. The Jogi at the same time decided to visit the house of Mehr Ajju. So Rânjha took up his beggar's bowl and set off begging from door to door, playing on his shell and crying : " Ye mistresses of the courtyard, give alms, give alms." Some gave him flour, others bread, others dishes of food. They asked for his blessings and he invoked blessings upon them.

Some said : " We shall acquire holiness through the power of his intercession." Others said : " He is a thief spying after brides. He will seduce our women." Said one : " He pretends to be a Fakir and pours ashes on his body. But he looks like Rânjha and has a love secret in his eyes." Said another : " See, he takes wheat flour and butter, but will not touch millet or bread crusts. He is chaffing the women and is no real Fakir."

But Rânjha went on his way unperturbed. He joked with some and scolded others and made fine scenes. He set up as a conjurer and gave some of them charmed threads and lucky knots. And Rânjha looked up and said to those round him : " We have entered

a ruined village. Not a girl sings at her spinning wheel. No one plays Kilhari [a game something like 'Here we go round the mulberry bush'] or Samni [a similar game] and makes the earth dance. No one hunts for needles or plays "Welan". No one plays Maya or makes crows or peacocks fly. No one sings Choratori or plays Garidda in the street. Let us up and leave this dull village."

And the boys replied to Rânjha: "We will show you the place where the girls sit and sing." And they took Rânjha to the place where the girls sat in their spinning parties and he saw them laughing and chaffing and breaking each other's threads for fun. And they sang sweet songs as they turned their spinning wheels, and one said mischievously to Rânjha: "The loves of one's childhood do not last longer than four days." And another said: "What do you want, Jogi?" And Sehti, to cajole him, took off his necklace. And the Jogi turned and said: "Who is this hussy?" Somebody replied: "She is Ajju's daughter." The Jogi replied: "Who is Ajju and why is she making mischief? Ajju has got a bad bargain. She is very rude to Fakirs and does not kiss their beads. She is a good-for-nothing hussy who can neither card nor spin."

And Sehti replied: "Jogi your words are harsh. If you touch me I will throw you down and then you will know who I am. Your disguise is a trick. If you enter my courtyard, I will have your legs broken and pull out your hair. I will thrash you like a donkey and then you will remember God and learn wisdom."

And Rânjha exclaimed: "Why does this snake hiss at me and why does this tigress want to drink my blood? I suppose she is tired of her husband and is hunting for lovers. And the Jogi passed on into the courtyard of a Jat who was milking his cow. He blew his horn and played on his shell and roared like an intoxicated bull. The cow alarmed by this extraordinary noise kicked over the rope and spilt the milk. And the Jat in fury exclaimed: "Fancy giving alms to this poisonous snake."

And the Jogi's eyes became red with anger and he lifted his beggar's bowl to strike the Jat. Meanwhile the Jat's wife flew at him and abused him and all his kith and kin, his grandfathers and great-grandfathers for spoiling the milk. She pushed him away and tore his shirt and flung taunts at him. The Jogi in his wrath kicked her and knocked out all her teeth. She lay on the ground like a log. And the Jat seeing his wife on the ground raised a hue and cry and shouted. "The bear has killed the fairy. He has killed my wife. Friends, bring your sticks and come to my aid."

And the men cried: "We are coming, we are coming." And the Jogi in alarm took to his heels. And as he passed by one of the houses he saw a beautiful girl sitting all alone like a princess in a jewelled chamber of the king. The Jogi was hunting for his prey like a hawk. He was as bold as a dacoit robbing a banker. He was as handsome as the Subadar of Lahore. He knocked at the door and said: "Hir, bride of the Kheras are you well? Give me alms, give me alms." And as soon as Sehti saw him, she opposed him fiercely and said to Hir: "He is a wicked man and nobody curbs his evil ways. I will break his bones and teach him to cast love-eyes in my courtyard." What do you mean by saying: "Are you well, Hir? You are flaunting your beauty like an enamoured peacock. You are hunting for your beloved and yet you call on the name of Pirs and Fakirs. You sing 'Alakh, Alakh' and beg with a strange mien in your eyes. You are like a camel without a nosestring and no one dares drive you away."

And the Jogi replied: "Do not try and cajole me with your charms. It is you with your clinking jewellery that look like a vain peacock. I said 'Pir' which you mistook for 'Hir' and nobody dares set you right. Why are you speaking harshly to wayfarers and strangers? You are oppressing poor Fakirs and causing trouble in the houses of fathers-in-law. You are like an amorous cow sparring with bulls".

And Sehti said : " Listen, sisters, to what he says. He is a Jat and no Jogi. He is a liar and a lewd fellow, wheedling his shameless fat paunch into this village. He is noway-farer and stranger, for he knows Hir's name and then immediately says he never heard it. He will get his beggar's bowl and his beaded necklaces broken and his hair pulled, if he comes near me. Who will save him from my wrath ? He is not a headman of the village. He is a wandering minstrel, or a leather worker, or a sweeper of some serai."

The Jogi replied : " You miserable hussy, you squat snubnosed village flirt, you loincloth of Satan, beware. If a Jatti [Jat woman] quarrels with a Fakir, her lot will be one of hardship and sorrow."

The women of the village hearing the noise of voices and bickering, said to Sehti : " Why do you quarrel with the Jogi ? He sings as sweetly as Jan Sen, and he knows songs by sixties and hundreds ; he spends all his time singing songs and wearing charms. It is not meet to quarrel with such folk."

And Sehti replied : " It is only fat-bellied rascals that live by begging. He is obstinate and as unbending as a beam in the roof. He is as sour as an unripe sugar-cane. His lips utter pious words but his heart is set on his beloved. When he sees Hir he sighs and his eyes melt with Love." And Sehti turned to the Jogi and said : " You quarrel monger, you have spoilt your ears. I will spoil the rest of you. If you sing your Jogi songs I'll make the Jats sing ribald songs about you. I'll send for a couple more young rascals like you and order them to thrash you. I'll make you dance round our courtyard like a juggler's bear. I will tear open the fresh wounds of your heart and in the day of Judgment I will get redress from your taunts".

And the Jogi replied : " Verily you are the mother of wisdom and the grandmother of understanding. Your wit has cancelled the decrees of Fate and your words are as mysterious as an Arabic verb. Surely there is no country like Kashmir, no lustre like that of the moon, nought so sweet as the sound of a distant drum, nothing so terrifying as the earthquake in the day of Judgment and.... There is nothing so quarrelsome as Sehti. Aye, there is nothing so bitter as anger and there is nothing so sweet as the kisses from the lips of the beloved. There is no book like the Koran and no silence like that of death. There are none so fortunate as the Kheras, no one so full of sin as the Poet Waris and there is no spell like that of his poetry."

And Sehti replied : " Why quarrel with women and bandy words with small girls ? What are the things that can never keep still ? Water, wayfarer's dogs, lads given to debauchery and Fakirs. You are no Jogi. Tell us from where came Jog. From whence came Shinas and Bairag ? From whence came the beggar's horn and beggar's bowl and the praying beads ? Who gave you the commandment to wear long hairs ? Who ordered you to smear your bodies with dust and ashes ?"

The Jogi replied : " Solomon is the Pir of Jinns and evil spirits. Self-interest is the Pir of all Jats and Love is the Pir of all lovers. Listen, Sehti, and I will tell you the way of Jog. We Fakirs are like black snakes and we acquire power and virtue by reading spells. We get up at midnight and pore over sacred books by the banks of untrodden streams. We expel all impurities from our speech by using the toothbrush of repentance and we sit on the carpet of true belief. We become deaf and dumb by holding our breath in the tenth position. We can ward off deceit and burn evil spirits. We can cast spells and destroy those whom we want to destroy. We can make absent lovers smell the fragrance of their beloved's presence. Women who revile us we can make ride in penance on an ass with a shaved head. Let virgins beware who oppose our power or it will fare ill with their virginity."

CHAPTER 23.

(Rânjha meets Hîr.)

And Sehti replied : "Jogi if you have all these powers, perhaps you can cure our bride Hîr. Every day she is getting weaker."

And Rânjha replied : "Sehti, beguile me not with vain words. Bring your bride here that I may see her and inspect the colour of her eyes and face. I will see her veins and feel her pulse. Then I will prescribe a remedy. But she must tell me when the disease began and tell me the taste in her mouth. Through the blessing of my Pir and teacher, I can tell the names of all diseases. I can whisper the call to prayer in the ears of a newly-born babe. I can weave spells and put children to sleep with lullabies. I can dry up the womb of women and slay liars, adulterers and infidels. With cunning oils and potent herbs I can cure pains and paralysis and the eighteen kinds of leprosy. With the spleen of a roasted goat I can cure blindness. With boiled Ghaghar herbs I can bring about miscarriage. I can make a perfect cure of a barren woman by letting out blood from her ankle vein. I can assuage the pain of wounds with an ointment of soap and soda. If a man has toothache I can pluck out his tooth with my pincers. Those who cannot see in the dark, I can restore to sight by giving them hot roasted oil-seeds. I can cure a withered arm or a benumbed leg by rubbing in oil of a pelican. If a man is attacked by epilepsy, I apply the leather of my shoe to his nostril. If a man's face is awry, I show him the looking-glass of Aleppo and he is cured. I cure stomach-ache with the milk of a she-camel. With cooling draughts of Dhannia, I can assuage the fires of passion. When a man is at the point of death and gasping with his last breath, I put honey and milk in his mouth. At his last hour, when the expiring life sticks fast in the gullet of the dying man, I recite the Holy Koran and his soul passes away in peace. But you must tell me what disease your bride has got or else all your talk will be vain and all my spells and power will be of no avail. Also, my beautiful one, you should not be proud of your beauty or hold your head so high, for what cares a Fakir for your beauty or for your beautiful sister-in-law Hîr? Your Hîr is a crane and she has been mated to an owl. Your fairy has been yoked to an ass. Like to like. You should not mate a high-bred Arab mare to an ass."

About this time Hîr came into the courtyard and from one of the inner chambers she overheard the words of the Jogi. And she wondered who the speaker might be and she said to herself : "He calls me a docile mare and the Khera an ass. Perhaps he will sympathise with me. Perhaps God has sent my cowherd back. Perhaps he has obeyed my word and got his ears bored. Who else can speak in such dark riddles. The girls hint mysteriously, he is a Jogi, but perhaps he is my king Rânjha. Nobody but Rânjha could know my name. I will stand up to him and answer him face to face."

And Hîr said to the Jogi : "Jogi, go away from here. Those who are unhappy cannot laugh. Why should one disclose the secrets of one's heart to Jogis, strangers and fools?"

The Jogi replied to Hîr : "We are the perfect Fakir of God. Ask anything from us, fair beauty, and we can bring it about. If a lover parts from his beloved one, with spells of magic numbers we can unite them. We can reconcile friends who have fallen out. We can cure all pain and disease and avert the onslaught of calamity. Do not be obstinate but give alms to a poor fakir."

And Hir replied : " It is not true, Jogi; parted friends cannot be reunited. I have searched far and wide but have found no one who can accomplish that. Tell me when will the true God bring back the lover I have lost. If anybody can remove the pain in my heart he may make shoes of my flesh. Oh Poet Waris Shah ! if I hear that my lover is returning, I will offer sweet cakes and light my lamps with rich butter for oil."

And the Jogi replied : " I know all the secrets of the universe. On the resurrection day everything will be revealed. On that day the sky and clouds will cleave asunder. When Israfil blows his trumpet all the habitations of men will fall down. The supports of heaven will be rent asunder. The snake and the bull (who according to tradition support the earth) will be filled with fear on that day. The mountains will fly into small pieces. All that will remain will be the seven last things : the chair and the throne of God, the tablet of destiny, and the pen, paradise, the soul, and hell. Everything will vanish in an instant. Only lovers and fakirs will remain constant." Then turning to Hir he said : " If you will sit near me I will open the Holy book and by casting magic lots, I will tell your horoscope. ' You were a little girl and your hair was hanging down your back. He was a boy with the early down of manhood on his lips. He played on a flute. Your eyes clashed in love and two hearts were captivated by each other. He was sold at the very shop of love and he grazed somebody's buffaloes in hopes of his reward, but you married and his hopes were drowned in the deep waters of despair. The five Pirs had married you to him and this second marriage was not lawful. Love has ruined him and now he is roaming about disconsolate in forests and desolate places. He went to Tilla and got his ears bored and became a Jogi. He has to-day entered your village. He is not far from you.' All this I have found in the book of the signs of the stars."

And Hir stood up and said : " The Jogi has read the signs of the stars correctly. He is a true pandit and jotshi. Tell me Jogi, where is my lover who stole my heart away and brought ruin on himself ? "

The Jogi replied : " Why are you searching outside ? Your lover is in your own house. Put off your veil my beautiful bride and look if you cannot see your lost lover."

And Hir said : " Jogi it cannot be true. He cannot be in the house." Then she decided to draw aside her veil. She glanced at the Jogi and behold it was her lost lover. And she said to him softly : " Our secret must be hidden from the eyes of Sehti."

The Jogi replied : " Bride of the Kheras, do not teach wisdom to the wise. Be not proud of your beauty but be kind to old friends."

CHAPTER 24.

(Sehti quarrels with the Jogi and turns him out of the house.)

When Sehti saw that the hearts of Hir and the Jogi had become one and that Hir had fallen under his spell, she began abusing the Jogi to her. " Sister, all Jogis are liars. This snubnosed squat dirty-faced wicked Jogi cannot be trusted."

The Jogi replied : " You should catch hold of the feet of the Fakir in humility and with supplication instead of quarrelling with him. You are a lucky woman to be so fond of camels and suchlike. Ah ! by the grace of God, my Pir tells me everything."

Sehti flared up in wrath : " You are a lewd slippery-tongued person. What do you mean with your pointed remarks about camels. Are you charging me with theft. Your shoulders seem itching for a beating. Fat fellows like you should be sent to look after ploughs and buffaloes."

The Jogi : " A Jat woman is only good for four things : pressing wool, scaring sparrows, grazing lambs and nursing a baby. She loves quarrels and beats fakirs. She looks after her own family and abuses others."

Sehti : " I will beat you with cudgels and knock your teeth out."

Jogi : " You are going the way to feel my stick round your legs. Girls with fringes over their foreheads should not quarrel with holy fakirs. I can ruin you utterly, as I have saintly power in each finger tip."

Hir glanced at the Jogi and made signs to him to stop quarrelling and she urged Sehti not to quarrel with the Jogi.

And Sehti replied : " See, what has happened. The fakir has ensnared the bride of Saida. You have drunk grey buffaloes milk and make eyes at your lover."

Hir flashed back at Sehti : " Girls who quarrel with fakirs like this must be wanting husbands very badly. You are always interfering when grown-up boys come in sight. You are as obstinate as a negress."

Sehti : Friends, " My sister-in-law is murdering me. She is siding with the fakir. Either the Jogi is her lover or he has brought some message from her lover."

Hir : " My sister-in-law ever claims to be washed in milk and virtue, and now she calls me a leader of thieves. In very truth loose women have become grand ladies and ugly women are flaunting themselves as if they were peacocks in the garden of beauty. Look at this loose-tongued seductive darling of the Belooches. A crawling deceitful reptile who devours men's hearts. Look at her showing off her airs and graces like a prostitute of Lahore."

Then Sehti lost her temper and said to her maidservant Rabel : " Let us give this fakir alms and turn him out. Give him a handful of millet and tell him to go away."

So Rabel gave him a handful of millet and bade him angrily begone. Sehti had first charmed him with her blandishments. Then she turned him out and sent him packing. She entered the garden of the Feringhees ⁷ and set the well machinery going. She disturbed the sleeping snake.

The Jogi was furious at being treated in this scurvy manner and burst forth in anger : " You are shaving my beard in giving me mere birds' food. You have defiled my beggar's bowl and I shall have to wash my rosary."

And Rabel replied : " Why do you find fault with millet. All Jats eat it. It is the food of the hungry and poverty-stricken. It is the father and mother of the poor."

And Sehti threw some millet into his cup and the cup fell to the ground and broke.

And the Jogi cried : " A great tyranny has been committed. You have ruined the fakir by breaking his cup. May your lover die, you tyrant of a woman. You taunted your sister-in-law with her lover. Why did you fall in love with Murad the camel man ? You fell into the hand of the Belooches like a stolen camel. He looted you of your boasted virginity."

And Sehti replied : " What do we Jats know about cups ? Go and spend a farthing and ask a potter to make you a new one."

And the Jogi wept when he saw the broken cup, and he said : " My Pîr gave it to me and it was very precious. And he tried to pick the broken pieces up and in so doing he caught Hir's eyes and he said to Sehti : " You have broken my cup and tell me to get another made by a potter. Have you no fear of Almighty God. If I tell my Pîr he will ruin your family."

⁷ Europeans. The only reference to them in the poem.

And Sehti replied : " Your cup got broken by fate. You can buy a tub at my expense if you like. Who can resist God's fate ? Fate expelled Adam and Eve from paradise and drove them down to earth. Fate overthrew Pharoah in the river and fate put a prince and a prophet like Joseph in the well. Fate has shaved your beard and bored your ears. No one can escape from Fate."

And Hir said to Sehti : " What strange perverseness is this ? Why quarrel with holy fakirs whose only support is God ? Why do you break his cup and ill-treat him at my door ? Why bring down ruin on happy homes and why burn those who have already been scorched by the fire of love ?"

And Sehti replied : " O virtuous one whose sheet is as stainless as a praying mat. The whole house is yours and who are we. You are as important as if you had brought a shipload of clothes from your father's house. You flirting hussy and milker of buffaloes ! You are still running after men. You never speak a word to your husband Saida, but you are hand and glove with the Jogi."

Hir replied : " You have picked up a quarrel with the fakir. You are sure to run away with somebody. You won't stay long in your husband's house and you will be defamed in all the streets and bazaars of the town. Beware ! The Fakir is dangerous. Do not tease him or he will cause trouble. He is simply and quietly worshipping his Guru. Take care that he does not invoke his aid. Otherwise his wrath will descend on us like a sudden invasion of Ahmed Shah and God save Jandiala.⁸ Remember Alexander touched the feet of a fakir and then he conquered the fort of Daz. A fakir gave his blessing to Timurlane and sovereignty remained in his family for several generations. Go and fall at the feet of the fakir or his curse will fall on you."

Sehti replied : " Sister, I have been scorched by your taunts and bitter words. I will take poison. I will either die or kill him or get you beaten. As sure as I am a woman I will tell my brother of your disgraceful conduct with the shepherd."

Finally, after many hot words on both sides, Sehti got so enraged that she and her maid snatched up the long pestle with which they grind rice and rushed on the Jogi. They broke his beggar's bowl and rosary. They felled him to the ground. They broke his head with milk pots and crushed him even as Abu Samand fell on Nawab Hosain Khan at Chunian.

Then the Jogi was wrath. He remembered his Pir. He girded up his loins and he smote his assailants even as the Pathan of Kasur looted the camp of the Bakhshi. He caught them by the hair and dragged them round the courtyard. He slapped them, beat them, and pinched them.

And Hir cried out from inside : " For God's sake Jogi stay your hand." And the women of the neighbourhood hearing the altercation assembled like a flock of Cabul dogs and they thrust the Jogi out of the courtyard.

And Rânjha complained bitterly to Hir of the way he had been used, and he entreated God, saying : " Why hast thou separated me from my beloved after bringing us together ? What sin have I committed that I have been given a glimpse of Paradise and then turned out in the wilderness ? What can I do ? I have no money to give to the officers and no tribute to enable me to reach to the darbar." And the Jogi wept bitterly and he said to himself : " I will fast forty days and forty nights and I will recite a powerful enchantment which will overcome all difficulties and will unite me to my beloved." And he swore to take vengeance on Sehti, if the five Pîrs would help him.

⁸ The birthplace of the poet.

CHAPTER 25.

(Rânjha retires to Kalabagh.)

And Rânjha meditated deeply in his heart, and he collected ashes from the hearth and sat down on a hillock in the garden of Kalabagh. And he kindled fire and meditated on God, and sparks came from his body. He stopped his breath and meditated like a holy man, and under the shadow of the tree he was absorbed in deep meditation. Then he recited spells and incantations. And a voice came from the five Pirs saying: "Go to, My child, your grief is gone. You will meet your beloved in the morning." And Rânjha was pleased when he heard the voice of the five Pirs, and he said to himself: "Now I shall meet my beloved."

And it came to pass that on Friday all the girls of the village assembled to pay a visit to the garden in Kalabagh. They descended on the garden in their battalions of beauty as a flock of slender cranes. The earth trembled at the onset of these fairies. And they fell on the hut of the Jogi. They put out his fire, threw away his beggar's bowl and wallet and scattered his bhang. They broke his pestle and mortar. They threw away his turban, his chain and his tongs, his cup and his horn. They destroyed his possessions and looted him as armies have looted the Panjab. Then the Jogi gave a loud roar from inside the garden and with a stick in his hand advanced to attack them even as a garrison of a fort makes a night attack on its besiegers. And he cried in his wrath: "Where is the caravan of these female devils." The girls hearing the terrible roar of the Jogi, all ran away, all save one beautiful sparrow whom he caught.

She cried: "help, help," and threw off all her clothes and ornaments to save her life. "You are a demon," she cried, "and we are helpless fairies. If you touch us we shall die. What have you to tell me? What message have you to send. My aunt Hîr has been your friend from the beginning. We all know she is your beloved. I will take her any message you give me."

The Jogi sighed when he heard the name of Hîr and he sent a message through the girl to Hîr complaining how badly she had treated him; and the girl ran off and told Hîr, saying: "I had gone to play with my girl friends and he told me his secret. All day he fixes his eyes on the path leading to the village and all night he girds up his loins and counts the stars in despair. Tears flow from his eyes like the rains in summer. When you got into your Dooli and hid yourself from your lover, all the world mocked at you. Your cruel treatment of Rânjha has pierced the heart of the whole world. Everybody says you belong to the shepherd. He is being tortured and taunted about you every day."

And Hîr replied to the girl: "Rânjha has been foolish to babble the secret of his heart to a woman. Did not Mansur get crucified for telling his secret? Did not Joseph get put in the well for telling his dream? Have not parrots been put in cages for chattering? True lovers conceal the insanity of their love. Those who disclose their secret are the losers on the battlefield of love. What has happened to Rânjha's wits that he has spoilt the whole affair? Why should not I be proud of my beauty? I will darken my eyelashes and with the power of my eyes make Rânjha and Saida fight over me. I will subdue the garden of Kalabagh and levy tribute on Jog."

The next day in order to compass the object of her desire, Hîr went to Sehti and clasped her feet and tried to win her over with soft words saying: "Sister, forgive me, I entreat you for all my faults and for having quarrelled with you. You may abuse me twice over for all I have abused you. If you will accomplish my desire and bring my lover back to me, I will be your slave for ever. My house and property, my gold and silver, all my cows and my buffaloes will be yours. Rânjha has been my lover from the beginning, when we were boy

and girl together. He has humbled himself for my sake. He has renounced home and fortune and has tended buffaloes. He has bored his ears and has become a Jogi for my sake."

And Sehti tossed her head and said: "You clasp my feet to achieve your own object. You turned me out of the house and now you come and beseech me with folded hands. Verily selfishness rules the actions of all people in this world."

And Hir still further besought Sehti with honeyed words saying: "Sister, speak kindly to me. You should sympathize with those who are in trouble. Let us go into the garden and become reconciled with the Jogi. Bhag bhari,⁹ help me to meet my Rânjhæ. Those who do good actions will be rewarded in Paradise. If you restore Hir to her lover, you will meet your own lover Murad."

CHAPTER 26.

. (*Sehti and Hir make friends.*)

And Sehti's heart leapt with joy even as Satan dances with delight when a sinner forgets to say his morning prayers. And she said to Hir: "Go, I have forgiven your fault, as you have been faithful in love from the beginning. Let us go and bring about a reconciliation of the lovers."

So Sehti filled a big dish with sugar and cream and covered it with a cloth and put five rupees therein. Then she went to the garden of Kalabagh and stood with her offering near the Jogi.

And the Jogi when he saw her coming muttered: "Why does a blast from hell blow on holy men? We asked for rain and a hot wind has sprung up to searh us."

And Sehti salaamed with folded hands, but Rânjha gave no reply. The heart of the lover however softened on seeing Sehti in a mood of entreaty.

And the Jogi said to Sehti: "Women were created as the origin of discord from the very beginning of the world. Those who wedded them were ruined while those who held aloof from women became saints and acceptable to God. It was women who got Adam expelled from Paradise."

And Sehti replied: "It was not women but the greed of men that expelled Adam from Paradise. The angel told him not to eat the grain of wheat and not to go near the forbidden tree and the same order was given to the peacock and the snake. But the lust of the belly prevailed. He ate wheat and he was expelled from Paradise."

The Jogi replied: "Why do you speak ill of men? Women have been bad from the beginning. Has not God said: 'Verily, women, your deceit is great.' Their deceitfulness is mentioned in the Koran. When have they ever been faithful to any one?"

And Sehti replied: "Why abuse women? It is men who are bad. They are not content with their lawful wives but go hunting for the petticoats belonging to other men. It is men who are shameless and black faced. They come to their senses when they lose their wives and then they say: 'It is Destiny.' They sit at the feet of Mullahs and listen to the doctrines of Hypocrisy. How goes the well-known saying: 'To have a wife is equivalent to being in possession of Half Religion.' Only he who is married can have prayers lawfully said over him when he dies. God has said in the Koran, "MARRY." A home looks well with a wife even as lamps look well on a dark night. Why do you find fault with those who gave you birth and why do you declare them to be the sisters of Satan?"

⁹ This is an apostrophe to the woman with whom the poet Waris Shah fell in love

If there were no women in the world the universe would come to an end. Did not God create all things in couples. The earth and the sky, day and night, man and woman. Is it not said in the Koran, 'We have created every living thing in pairs' Tell me, Jogi, why do you claim to be a great Saint? You fill your belly and you gorge your appetite like a donkey and you forget to thank God. You send messages by little girls. Your ways are full of deceit. You call yourself a wise man and boast of your knowledge. Tell me what is in the basket underneath this sheet? How much money is there and what is the vessel made of?"

And Rânjha replied: "The dish is filled with sugar and rice and you have put five farthings on the top of it. Go and see, if you have any doubt in your mind."

So Sehti uncovered the dish and looked at it, and behold, it was full of sugar and rice. And when Sehti beheld the miracle which the Fakir had performed, she besought him with folded hands saying: "I have been your slave from the beginning with all my heart and soul. I will follow your footsteps and serve you with devotion as your maid servant. My heart, my property, all my girl friends and Hîr herself belong to you. I now put all my trust in God's Fakir."

And Rânjha said to Sehti: "I have grazed buffaloes for many years for the sake of Hîr. Tell her that the grazer of buffaloes is calling her. Bring Hîr the Sial to me, and then you will obtain your lover Murad. Say to her: 'Take off your veil, my beloved, and come.' Tell me, for God's sake, what fault I have committed and shew me your moonlike face. The long snakes of your locks have entangled me. The arrows of your eyelashes have pierced my heart. Love has swept the curtain of shame. I am being pounded incessantly by the heavy artillery of love. You walk as beautifully as a partridge. Very lovely is the walking of my beloved. O sweet is the redness of your lips. Shew them to me. I have given up the world and become a fakir for your sake. Either come yourself into the garden or take me into your house my beloved."

And Sehti replied: "I can live only if I meet Murad. I can only go with your message if you will bring me my lover. If you bring Murad I will fall at your feet. His love has ruined me and I am like roasted meat day and night."

And Rânjha replied: "Sehti, be sure that God will bring your lover to you. I will recite such a powerful spell that he will come at once. God by his grace will bring him hundreds of miles in an instant."

CHAPTER 27.

(Sehti takes Rânjha's message to Hîr and Hîr meets Rânjha in the garden.)

So Sehti went to Hîr and gave her the message of the Jogi, saying: "You got him to tend your buffaloes by deceit and now you have broken your promise and married Saida. He has turned Fakir and covered his body with dust and ashes. He has ruined his name and honour. By the practice of great austerities, he has obtained the help of the five Pirs, and he has shown me his power by a miracle. Go to him at once as a submissive subject with a present in your hand, for a new governor (Faujdar) has been appointed to rule over us. I have seen each miracle of his more wonderful than the last. It is as if Christ had come down from Heaven to earth."

Hîr replied to Sehti: "I will go and unveil myself to Rânjha and dispel his sorrow, for my life is the dust of his feet and my heart and soul belong to him. Rânjha is lying stricken sore with the pains of separation from his beloved. I will go like Jesus and bring him to life."

So Hîr took a bath and clothed herself in silk and scented her hair with attar of roses and all manner of sweet scents. She painted her eyes with antimony and rubbed 'watna' and 'dandasa' on her lips, and the beauty of them was doubled. She put handfuls of earrings in her ears and anklets on her feet. Jewels shone on her forehead. She was as beautiful as a peacock.

And when Rânjha saw her coming, he said : " This is either a fairy that I see or it is Hir the Sial."

And Hir salaamed with folded hands and caught Rânjha's feet, saying : " Embrace me, Rânjha, for the fire of separation is burning me. My heart has been burnt to a cinder. I return your deposit untouched. Since I plighted my troth to you I have embraced no other man. Let us go away together my beloved wherever you will. I obey your orders." And Hir threw herself round his neck.

The moth was burnt in the flame. Out of the smoke the fire was kindled. Like mad things they swung together in the intoxication of Love. The poison of Love ran fire through their blood. The news of their meeting spread through all the world where the drums of Love were beaten.

Then Hir left Rânjha and consulted Sehti how she might arrange to meet him again : " You will get Murad," said she, " and I will get my lover. Let us make some plan to meet our lovers, so that I may spend the rest of my life with Rânjha ; for youth and beauty are but the guests of a few days. Let us enjoy them while we can."

Now when Hir came back to her house after seeing Rânjha in the garden, her girl friends Raeban and Saifan saw her heightened colour and they said to her : " Sister, what has befallen you that your forehead shines like a rose. Your complexion is like the down on a golden oriole. When you set out you were as one dead and now your beauty is ravishingly alive. Your eyes gleam with happiness like the leaping water of a stream. Somebody has set the well of beauty in motion. Your breast is heaving under your red shirt. Somebody has kissed the lamp-black off your eyes. Somebody has been celebrating the high festival of Id in the garden of Kalabagh. The hungry have been filled and fakirs have fed to their hearts content. Pearls that Saida never touched have been polished by others to-day. Perhaps Rânjha has looted your garden of all its fruit."

And Hir replied to her girl friends : " Why are you teasing a poor girl like me ? I have a touch of asthma and that is why the colour comes into my cheeks. I ran after a runaway calf and that is why the strings of my skirt are loose on both sides. My sides are red because I was lying face downwards looking over the top of my house. I was sucking at my lips and that is why the colour has come off them. I was looking down the path leading to my home and a calf came down the lane and pressed me against the side of the house. That is why I have scratches on my body. I swear nothing else has happened. Why do you tease me and say what is unseemly ?"

The girls replied : " Sister, the colour of your eyes is red like blood. Your beauty is like the flowers in spring. The Kheras have been put to confusion to-day."

Hir replied : " Some spell has come over my mind to-day. And I do not feel inclined to work. I must have walked over some magic plant by mistake or some wizard has cast his enchantment over me. The red cloths of the Kheras seem to me like flames of fire to-day."

The girls replied : " Ho, Ho ! To-day the Panjab has fallen into the hand of Kandharis. Some one has looted your beauty to-day."

Hir replied : " Sisters, why do you tease me with your taunts ? I was knocked over by a buffalo in the way and he tore off all my bangles and earrings : he chased me with loud roars. I was going to run away in fright just as girls run away when they see their intended husbands. Thanks to my good fortune I met a fakir who took me safely back to the village."

And the girls replied : " Sister, this bull has been pursuing you for a very long time. It is curious he tramples on nobody's fields but yours and only steals your grapes. This bull has come from Hazara and is at the present moment lying distraught in the garden crying "HîR, HîR."

And Hir said : " Sisters, I am not happy among the Kheras. God and the prophet are my witness."

CHAPTER 28.

(Sehti and Hîr plan a strategem.)

And Sehti and Hîr consulted together how Hîr might leave the Kheras and be united to Rānjha. Sehti invented a cunning strategem. She forsook all the traditions of the Faith. She consulted the book of the curses of God, and deceits in the volume of Satan.

Sehti went to her mother and spoke to her about Hîr saying : " Mother, Hîr is not well. She is becoming thinner every day. She lies on her couch all day and looks miserable. She will not touch her spinning wheel or her wool basket. She neither eats nor drinks and her body withers away with grief. As elephants are the pride of armies and cows and buffaloes are the pride of the farm-yard, so sons' wives are the pride of the house. But this bride whom we purchased with so much difficulty is the beginning of our misfortune. She takes fire when she sees Saida her lawful husband, and he runs away from her as from an evil spirit. We never see her happy or laughing. We have consulted Mullahs and physicians and Hakims and they cost much money. Let us conquer the obstinacy of this wilful bride. Saida should chide her and beat her and we will not interfere."

And Hîr came before her mother-in-law like Umar the trickster [Umar was a famous trickster mentioned in the stories of Faizi, brother of Abu Fazl, minister of Akbar] and wove a cunning web of deceit saying : " Mother, I am weary of staying indoors. May I go into the fields with Sehti ? Let me see green gardens. My heart is weary sitting in the house."

And her mother-in-law was silent and pondered the matter in her heart. And Sehti broke in saying : " Sister, come into the fields with me. Mother, she is wasting away because she never leaves her house; we are spoiling the health of this rosebud bride by keeping her indoors."

And Sehti's mother replied : " Hîr may go and walk about, and maybe she will recover her health and strength. At present she lies day and night like a sick woman. Let her rid care from her mind and laugh with her lips, and let the bud of my hope blossom again. She can go with you if she wishes and you may take her into the fields where she may enjoy the company of her girl friends. But remember, Hîr, be prudent, and when you leave this house do not do what is unbecoming to a bride. Take God and the Prophet to witness."

Having thus obtained her mother's permission, Sehti assembled her girl friends together. " Friends," said Sehti, " You must all get up early, before daybreak, without telling your parents beforehand. To please the bride Hîr, she is to be taken into the garden and she will also pick cotton in the fields."

The girls sat up half the night weaving their plans. They were as beautiful as princesses and as wicked as the grandmother of Satan. They challenged each other to wrestle the next morning on the well. There was Kammoo the sadler's wife, Sammi the baker's wife, Bakhtawar the wife of the blacksmith, Tajo the wife of the watchman, and the wife of the barber; there was Nando the water carrier's wife and Daulati the girl with seven brothers, and many others. It was agreed that they should all go to the fields in the early morning.

So in the morning they all assembled together. Not a girl remained in the village. It was as if the Turks had drawn up their armies to invade Hindustan. There were Amir Khatun, Salamati, Bholan and Imam Khatun Gujarî, Rahmatia Daulta and Bhagi the minstrel's wife, and Miran the singing girl, and Chand Kaur the beautiful Jatti with Miman her pretty friend. There were Suhkdei, and Mangti, and Sahiba, and Jhando, the wicked girl, who teased

her friends, and Hiro with her dark painted eyes, and Darshani and Daropti from the hills with their "Achna Gachna" and queer hill jargon. There was Nur Begum from Kandahar who spoke Persian, and Kammoo from Baghdad who spoke Arabic, and Nur Bibi and Thakur Bibi who sang ravishing songs.

They laughed and sang and played games together, and one of them took a sharp thorn from an acacia bush and pricked Hir's foot. Sehti bit it with her teeth and caused blood to flow, and they pretended Hir had been bitten by a snake. And Hir wept and cried and rolled on the ground saying: "I am dying; call somebody to cure me." Her face grew yellow and her eyes became pale, she clenched her teeth and fainted.

And Sehti raised a cry: "The bride has been bitten by a black snake." So the girls put her on a bed and brought her home and all the people of the village left their work and gathered together to see her. Never was such a crafty swindle found in any book. They shaved the very beard of Plato. Satan came and salaamed and said: "I have been outmatched by these girls."

The people of the village when they saw Hir said: "A venomous snake has bitten her. Her breath comes quick; the poison has run into every vein of her body." Some said: "Give her butter and milk;" others said: "Search out an enchanter who knows powerful spells."

And the Kheras brought hundreds of Fakirs and Hakims and enchanters and they gave her cunning drugs. They brought Tiriak snakes from Hazara and amulets and incense. They applied milk of "AK" to the wound, powdered metals and curds of milk which no woman or man had ever cast eyes upon. They spent bags of money trying to cure the bride.

And Hir's mother-in-law beat her breast and said: "These cures do no good. Hir is going to die. Hir's fate will soon be accomplished."

And Sehti said: "This snake will not be subdued by ordinary spells. There is a very cunning Jogi in the Kalabagh garden in whose flute there are thousands of spells. Cobras and Krites bow down before him and hooded snakes and crested snakes stand in awe of him. All evil spirits and Jinns fly away at his word."

So Ajju said to Saida: "Son, brides are precious things. Go to the Fakir and salaam him with folded hands."

So Saida got ready his shoes and girt up his loins and took a stick in his hand and walked rapidly to the garden where the Jogi was. He was as yellow as a straw from anxiety about Hir. And he caught the feet of the Jogi and implored him saying: "My wife went into a cotton field to pick cotton and a black snake bit her. She is writhing with pain day and night. We have tried all the physicians and enchanters but to no purpose. Sehti has told us of you and the whole family has sent me to call you."

When the Jogi heard Saida's voice his heart leapt within him and he suspected that Sehti and Hir had invented some cunning strategem.

And the Jogi spake to Saida and said: "Who can avoid destiny? Snakes bite according to the decree of destiny. Holy men who live like hermits in the jungle have no concern with the affairs of this world and shrink from the company of women. The snakes of Jhang Sial obey no one's enchantment. What if the Jatti die? Then the fakir will be happy. Fakirs should not go near women. Why should we treat your Jatti? We have ruined our own family. Why should we concern ourselves with yours, you whore's son?"

And Saida fell at his feet and implored him to come and heal Hir, saying: "She wept when she got out of the marriage palanquin. She would have nothing to say to me or to any of my family. If I touch her she raises a cry. I cannot come near her bed as she shrinks from me in fear. She is always weeping."

Whereupon the Jogi drew a square on the ground and thrust a knife therein and said : " Sit down Jat, and swear on the Koran that you have never touched Hir." He put the knife to his throat and made him swear and Saida swore saying : " May I be a leper if I ever touched Hir."

Then suddenly the Jogi blazed with anger and roared at Saida : " You have come into my holy hut with your shoes on. You have profaned this holy place. And he thrust him out and beat him even as cattle are thrust out of the cattle pen. He dealt so severely with Saida that he was covered with blood, and Saida ran to his house weeping and told his story to his father saying : " He is not a Jogi but a robber and a dacoit." And Ajju was wroth and said : " As he has treated my son so will I treat him. I will have a speedy vengeance upon him."

Thereupon Sehti said : " Father, you should go yourself to the Jogi. Perhaps Saida stood with pride before him and not with proper humility."

CHAPTER 29.

(Rânjha is called in to cure Hir's snakebite.)

So Ajju said : " I will go if all of you wish it." So Ajju went and stood before the Jogi with folded hands and besought him to come and cure Hir. And the Jogi at last consented, and as he went to the house of Ajju a partridge sang on the right for good luck. Thus the Kheras themselves worked their own destruction and shaved their own heads. The wolf had been called in to guard the flock. Ajju thought himself a great man as he had brought the Fakir.

" Sister," said the women : " Let us rejoice that Hir's life has been saved. The physician she longed for has now come. All her pain and trouble has gone. The perfect Saint has come, even he that deserted his home and became a cowherd and then a jogi. The man whose name was abhorred by the Kheras has been brought by Hir's own father-in-law."

Meanwhile Sehti took charge of the Jogi and lodged him in the hut belonging to the village minstrel. And the Jogi gave his orders that bread must be cooked for the holy man. " No man or woman must come near or cast their shadow on it. A separate place must be prepared and Hir's couch placed on it. I will burn incense at night. I will read enchantments over her. None must be allowed to come near her as the snake is a powerful one and his bite is difficult to cure. Only Sehti may come ; only a virgin girl must be allowed to cross the threshold."

And the Kheras did as the Jogi bade them and put Hir in the cottage with the Jogi, and Sehti was with them.

But Ranjha's heart was heavy within him as he sat in the hut, and at midnight he remembered the Five Pirs. He kissed the handkerchief of Shakerganj and took the ring of Lal Shahbaz ; he smelt the sweet savour that came from the cudgel of Sayyad Jalal of Bokhara, and he grasped the dagger given him by Makdum Jahanian. And Rânjha prayed : " May the Five Pirs bless my enterprise and make my way easy. And Pir Bahaudin shook the earth and the way was opened unto Rânjha, and a voice spake : " Jat, arise, go on your way. Why are you sleeping ? The way has been opened for you."

And Rânjha went outside the house and made ready to depart, and Sehti came to him and salaamed to him saying : " For the love of God, take my poor boat ashore. I have set all the plans of the Kheras at naught and tarnished the reputation of the whole family. For the sake of your love I have given Hir into your hand. Now give me my lover Murad. This is the only request I have to make to you."

And Rānjha lifted his hands and prayed to God : " O God restore this Jatti's lover to her. She has brought to accomplishment my desire. She has brought about the union of lovers and for the sake of love has become of ill-fame throughout all the world."

And the Five Pirs prayed : " O God unite the girl to her lover." So God showed his kindness and Murad her lover stood before her. And Murad spake and said : " Girl, make haste and see this fairy-like camel." And the camel of Murad grunted as her master spoke. And Murad said : " Some spell or enchantment fell on me ; some one caught the nose string of my camel and brought me to your door. I was riding in the long line of camels half asleep. Then a voice from heaven came into my ear ; my camel heard it and grunted. She sped as quick as an arrow or a stormwind. My string of camels has been lost. You have exercised some sorcery over me. My camel is the grand-daughter of the best camel in the world. Come up, my bride, and mount on my camel. Is not her mouth soft ? Her back is as firm as a mountain. She has been moulded by angels."

So Murad took Sehti on his camel and Rānjha took Hīr. Thus the bridegrooms set forth with their brides.

CHAPTER 30.

(The discovery of Hīr's escape with Rānjha.)

The next morning the ploughmen yoked their oxen and went forth to plough, and lo ! the house of the sick bride was empty. They looked inside and outside and they woke up the watchman who was asleep near the door. There was a great stir in the town and every body said : " Those wicked girls Hīr and Sehti have brought disgrace on the whole village. They have cut off our nose and we shall be defamed through the whole world."

So the Kheras drew up their armies on hearing the news. The soldiers took spears and daggers and set out to pursue them. The people said to Ajju : " Your house has been ruined to-day. The stain will not be washed away for many generations." And the women beat their sides and wept. Now the armies of the Kheras succeeded in overtaking Murad. But the Balooches drew up their forces and drove back the Kheras. They rushed on them with spears and arrows and routed them, even as Alexander routed Darius.

Now there was a man-eating lion in the jungle through which Hīr and Rānjha had to pass. He smelt them and came towards them with a roar. And Hīr said : " Rānjha, the lion is coming ; remember the Pirs for God's sake." And Rānjha remembered the Five Pirs and they came in the twinkling of an eye. They said : " Go to, my son, and you will be victorious. Abandon all pride and beseech the lion with entreaty. And if he will not listen to your entreaty, slay him."

And Rānjha said : " Gallant lion, I beseech you by Pir and Fakir, do not kill us who are helpless. In the name of Hazrat Pir Dastgir (the lord of Pirs) I beseech you go away."

And the lion replied : " Rānjha listen to me. For the last seven days, I have not had food. I have been much troubled by hunger and thirst. Now God has sent me a victim." The lion roared : " I will eat both of you." And he leapt towards Rānjha.

And Rānjha said to Hīr : " You stay here, beloved. I will go and kill the lion and will then come back to you."

The lion ground his teeth hearing the words of Rānjha. And he said : " What does this mortal say ?" And he made another spring at Rānjha.

Then Rānjha took the cuçgel of Jahanian, and thrust it into the side of the lion, and he drove the dagger of Sayyad Jalal Bokhari into his belly. And then Rānjha skinned the

lion and put his nails and flesh in his wallet. And they set forth and came into the country of Raja Adali, and slumber overcame Rânjha, and despite the warnings of Hîr he fell asleep. And sleep overcame Hîr also.

Destiny overwhelmed both the lovers. For the Kheras came in pursuit and found Rânjha asleep, his head resting on Hîr. They took Hîr away and beat Rânjha unmercifully withwhips until his body was swollen.

And Hîr advised Rânjha to seek for justice from Râja Adali. And Rânjha cried out aloud, and the Raja heard it and said: "What is this noise?" And the Raja's servants said: "A jogi has come asking for justice."

CHAPTER 31.

(Rânjha and Hîr before the Raja.)

Rânjha came before the Raja and his body was sore with the blows of the Kheras' whips and he said: "May you and your kingdom live long. The fame of your justice has spread even to Turkey and Syria. I have been beaten in your kingdom and have committed no fault."

So the Raja issued orders to his armies and they overtook the Kheras and brought them before the Darbar of the Raja.

And Rânjha said: "I am a poor fakir and these dacoits and robbers have taken away my wife from me."

And the Kheras replied: "This Thug¹⁰ of the Manjha is very clever; he knows all kinds of powerful enchantments. One day our daughter-in-law was bitten by a snake, and Sehti told us there was a Jogi in the garden of Kalabagh who was cunning in spells and could cure her; and O Rajah, this saint and fakir of God decamped with both of the women one night. He is a thief and should be killed. You should not be deceived by his rosaries and beads. He is a cunning rogue and clever in disguises."

And Rânjha said: "They saw she was beautiful and they took her away. Hîr is mine and I am Hîr's. The five Pîrs gave us in marriage. I have been dealt with in a tyrannous fashion and ask for justice."

And the Raja was angry with the Kheras and said: "You have committed a great sin in troubling this holy fakir. I will cut your nose and ears off and hang you all, if the Kazi says you are liars. I will crucify you on the stake".

So they came before the Kazi, and the Kazi said: "Let each side make a statement on oath and I will administer the Justice of Amar Khatib".

So the Kheras spake saying: "Hîr was the daughter of Chuchak the Sial. Many were the suitors for her hand, but her father betrothed her to the son of Ajju. We took a marriage procession and brought back our bride and spent much money. Thousands of people, Hindus and Muhammadans, were present at the marriage ceremony. The proper rites were performed. The Mullah read the Koran and witnesses were present. The whole country side knows she was given to us in marriage. This swindler took her away as Raman ran away with Sita. He came when there was a great famine and grain was very dear. He grazed Chuchak's buffaloes and then claimed the hand of his daughter. His horn and beggar's bowl are all lies. He is a swindler who can bring down the very stalls with spells.

¹⁰ Robber.

Then the Kazi turned to Rânjha and said : " Fakir, have you got any witnesses ? Without witnesses to the marriage she can be no wife."

And Rânjha replied : " Listen to my words, you who know the law and the principles of religion. On the day our souls said yes, I was betrothed to Hir. In the Tablet of Destiny, God has written the union of our souls. What need have we of earthly love when our souls have attained the Divine Love ?"

The Kazi replied : " Speak the truth, and have done with these falsehoods. You have brought shame on the Sials and the Kheras. Give up your evil ways or you will taste my whip."

And Rânjha replied : " See what harm these Kazis do in the world. They preach the doctrine of the wicked and live on stolen property. If you sympathise so much with the Kheras, Kazi, give them your own daughter."

And the Kazi was angered and snatched Hir from Rânjha and gave her to the Kheras saying : " This fakir is a swindler and a pious fraud."

Whereat Hir was sore perplexed and her countenance became pale and lifeless.

And Rânjha said : " Go away. Separation is worse than death. These dacoits have looted me. What do people know of the pain I suffer ? I am a poor fakir and have no money to give to the officers in whose hands the decision lies. He has Hir and I have the pain."

And Hir sighed with grief and said : " O God, see how we are consumed as with fire. Fire is before us and snakes and tigers behind us and our power is of no avail. O Master, either unite me with Rânjha or slay both of us. The people of this country have exercised tyranny against us. O God, consume this city with fire. Let your wrath fall on this city even as it fell on Pharaoh whom you drowned, even as it fell on Solomon and caused him to be dethroned."

Thus did Hir invoke curses on the city. And Rânjha lifted up his hands likewise and invoked curses on the city saying : " O God, all powerful and mighty, give these tyrants their reward at once. Put the city to fire. Burn the whole city, save only the herds and the cattle."

See the power of God. Owing to the sighs of the lovers, the city caught fire. Fire broke out in all four quarters of the city. It destroyed houses both small and great. The news spread all over the country. Then the Raja said : " What act of oppression has been done ?"

So the astrologers cast their lots and said to the Raja : " The pens of your officials are free from sin. But God has listened to the sighs of the lovers. Hence this misfortune has overwhelmed us. Fire has descended from Heaven and it has burnt the palaces, forts and ditches of the city. If you will call up and conciliate the lovers, perhaps God will forgive all those who have sinned."

So the Raja sent out his soldiers and they caught the Kheras and brought them in to his presence. And the Raja took Hir from the Kheras saying : " I will hang you all. Hir the Jatti belongs to Rânjha. Why do you oppress strangers ?"

And the Kheras went away disappointed.

So Rânjha and Hir stood before the Raja, and he said to them : " God's curse on those who tell lies. I will kill those who oppress the poor. I will cut off the nose of those who take bribes. You may go to your rightful husband. Grasp the skirts of his clothing and the arm of him that belongs by right to you and see that you never desert the true faith."

CHAPTER 32.

(The poisoning of Hîr and the death of Rânjha.)

Thus God showed His mercy and the Raja caused the two lovers to meet again. And Rânjha called down blessings on the Raja saying : " God be praised and may weal and wealth come to your kingdom. May all troubles flee away and may you rule over horses, camels, elephants, batteries, Hindustan and Scinde."

So Rânjha set off towards his home taking Hîr with him, and he said to her: " Girl, you have been bestowed by God and the five Pîrs on me."

And Hîr replied : " If I enter the country like this, people will say I am a runaway woman, and that you have been the ruin of the houses of fathers and father-in-laws. Of what avail will such a victory be ? The women will say I have not been properly married. My aunts will taunt me and ask me why I have come back in this way."

And after they had gone some distance on their way Hîr said : " This is the valley where we met. This is where we beat Kaido, bound him with ropes and dragged him along the ground. This is where we used to talk together and this is where destiny overcame us. When the marriage procession of the Kheras came up it was as if the flood of Noah had overwhelmed us."

Now the shepherds were grazing their buffaloes in the jungle and they espied Hîr and Rânjha, and when they drew close they recognised them, and the shepherds said to Rânjha : " Who has bored your ears ? "

And they went and told the Sials : " Behold the shepherd has brought the girl Hîr back. He has shaved the beard of the Kheras without water."

And the Sials said : " Do not let them go away. Bring Hîr to her aunts and tell Rânjha to bring a marriage procession in order to wed Hîr." And they brought Hîr and Rânjha to the Sials.

Now at the same time a barber came up on an embassy from the Kheras to demand back Hîr, and the Sials said to the barber : " You must make some good excuse to the Kheras for us and give this message and say : ' We gave you Hîr in marriage. After that she was dead to us. You never showed us the face of our daughter afterwards. She and you are both dead to us. Why are you now asking us about her ? From of old time you were mean. You are publishing your own disgrace by making these inquiries. The army of the enemy has looted you. Why are you now beating your drums ? The conquerors have already divided the spoils of victory. You have ruined our daughter. We will take in exchange a girl from you by way of satisfaction.' " And they sent back the barber with taunts saying : " Do not come again on an embassy to us."

Then the brotherhood brought Hîr and Rânjha to their home and laid a rich couch for them to sit on and all the family were happy. They took the Jogi's rings out of his ears. They shaved him and put a rich turban on his head, they gave him a silk shirt and sat him on the throne, even as Joseph was placed on the throne after having been brought out of the pit. They ensnared the heart of Rânjha with their cunning, for they were communing in their heart how they might kill Hîr. Kaido was for ever plotting evil against them. Thus they became responsible for the murder and they themselves caused the blot on their own fame.

Meanwhile, Rânjha at the suggestion of the Sials had gone to his home, and he told his brethren to prepare a marriage procession so that he might go and marry Hîr. Many baskets of fruit and sweets were put on the heads of the barbers. They prepared bands of minstrels and fireworks, and Rânjha's brothers' wives danced with happiness and sang songs.

Ah, put not your trust in life. Man is even as a goat in the hands of the butchers.

Meanwhile somebody whispered into Hîr's ear that her parents were going to send her back to the Kheras and that they had already sent a message to have her fetched away. And Kaido chided Hîr saying : " If the Kheras come there will be trouble, many quarrels and much disturbance. The witnesses of the marriage will come and they will confound your mad tales."

And Kaido and the Sials held counsel together, and Kaido said : " Brethren of the Sials, such things have never before been said of our tribe as will be said now. For men will say : Go and look at the faithfulness of these Sials. They marry their daughters to one man and then contemplate giving her in marriage to another."

And the brethren made answer : " Brother, you are right. Our honour and your honour are one. All over the world we are taunted with the story of Hîr. We shall lose fame and gain great disgrace if we send the girl off with the shepherd. Let us poison Hîr, even if we become sinful in the sight of God. Does not Hîr always remain sickly and in poor health ? "

So Kaido in his evil cunning came and sat down beside Hîr and said : " My daughter, you must be brave and patient."

Hîr replied : " Uncle, what need have I of patience."

And Kaido replied : " Rânjha has been killed. Death with glittering sword has overtaken him."

And hearing Kaido's word Hîr sighed deeply and fainted away. And the Sials gave her sherbet and mixed poison with it and thus brought ruin and disgrace on their name. The parents of Hîr killed her. This was the doing of God. When the fever of death was upon Hîr, she cried out for Rânjha saying, " Bring Rânjha here that I may see him once again."

And Kaido said : " Rânjha has been killed. Keep quiet or it will go ill with you." So Hîr breathed her last crying " Rânjha, Rânjha."

And they buried her and sent a message to Rânjha saying : " The hour of destiny has arrived. We had hoped otherwise but no one can escape the destiny of death. Even as it is written in the Holy Koran : 'Everything is mortal save only God.' "

And they sent a messenger with the letter and he left Jhang and arrived at Hazara, and he entered the house of Rânjha and wept as he handed the letter.

Rânjha asked him : " Why this dejected air ? Why are you sobbing ? Is my beloved ill ? Is my property safe ? "

And the messenger sighed and said : " That dacoit death from whom no one can escape has looted your property. Hîr has been dead for the last eight watches. They bathed her body and buried her yesterday and as soon as they began the last funeral rites, they sent me to give you the news."

On hearing these words Rânjha heaved a sigh and the breath of life forsook him.

Thus both lovers passed away from this mortal world and entered into the halls of eternity. Both remained firm in love and passed away steadfast in true love.

Death comes to all. Even Noah the father of many children, the master of the storm, the king of religion and the world, died at the last of a good old age and was buried.

The world is but a play and fields and forests all will melt away in the final day of dissolution. Only the poet's poetry remains in everlasting remembrance, for no one has written such a beautiful Hîr.

EPILOGUE.¹¹

Fools and sinners offer counsel in the world. The counsel of the wise is held of no account. No one speaks the truth. Lying has become the custom of the world. With gangs of ruffians men commit iniquity. Tyrants have sharp swords in their hands. There is no Governor, Ruler or Emperor.

The country and the people have all been reduced to ruin. There is great disturbance throughout the country. Everybody carries a sword in his hand. The curtain of all modesty has been lifted. People commit deeds of shame in the open bazaar. Thieves have become headmen and harlots have become mistress of the household. Bands of devils have multiplied exceedingly all over the land. The nobles have fallen in their estate. Men of menial rank flourish. The peasantry are waxen fat.

The Jats have become rulers in the country. Everybody has become lord of his own castle. When love came to me I felt a desire to write this story in verse. I wrote it in the year 1180 Hijri in the southern country. [Lamman Des is the present Montgomery district of the Panjab.] It was the year 1820 of the Birkramait era. [These two dates do not exactly correspond, but the poem was written in A.D. 1766.]

When I produced the tale among learned men it became known to the world. Wāris, those who have recited the Holy Kalma have attained salvation. Kharraḥ Hans is a well-known place. Here I composed this story. Poets, you should determine the worth of my poem. I have let my horse loose in the arena. Other poets have wasted their efforts in writing on petty themes [*lit.*, ground in an handmill]. I have composed a grand poem [*lit.*, ground my grain in a bullock-driven mill].

O wise man, you should note that there is a secret under the guise of my words. I have written this Hīr with care and meditation. Young people read it with pleasure. I have planted a flower to give a sweet savour. Thank God my purpose is achieved. I have worked at it anxiously day and night. I have no capital of good works. Of what can I be proud? I have no hope without Thy grace. I am only a poor sinner. Without the favour of the Prophet I am helpless. I am ashamed of my unworthiness. The sinner trembles at the thought of the last trump even as the faithful are afraid for the faith and as pilgrims long for the sight of the Kaaba, even as the General thinks about the state of his army and as servants are afraid of their pay being cut for neglect of duty.

Of all the wretched Panjab I am most concerned for Kasur. I am concerned for my faith and conscience even as Moses was frightened on Holy Sinai. Ghazis will get paradise and martyrs claim their hours. The world is outwardly fair but inwardly it is bad even as the sound of a drum is beautiful from afar. O God! grant me faith and dignity and honour. Our hope is only on God the Bountiful. Wāris Shāh, I have no capital of good works. God grant me Thy presence.

Wāris Shāh lives at Jandiala and is the pupil of the Saint of Kasur. Having finished the story I presented it to my master for his acceptance. (He elevates whom he will and throws down whom he will. God alone is great. All excellences and dignity are in God alone. I am helpless.)

¹¹ [This interesting but somewhat rambling Epilogue is translated at full length without any attempt at excision or condensation. The rest of the poem has been considerably condensed but nothing important has been omitted—C. F. USBORNE.]

With the aid of Shakerganj I have conferred this benefit on the world. Wâris Shâh, your name will be famous, if God be kind. O Lord ! accept my humility. Dispel all my infirmities. Wâris Shâh has shed the light of his genius over all the faithful in the world. O God ! this is always my prayer that I may lean always on Thy support. Let me depart from this world in peace and give me Thy grace in the end. Keep me in Thy love and take the load of trouble off my shoulders.

May he who reads or copies my poor efforts derive pleasure. May the Prophet be your intercessor and watch over you, past, present and future. O Almighty God ! overlook the fault of poor Wâris Shâh. By the grace of God I have fulfilled the request of my dear friends. The story of true lovers is like the scent of a rose in a garden. He who reads it with love in his heart will be able to separate the truth from the false.

I have written a poem of much pith even as a string of royal pearls. I have written it at length and embellished it with various beauties. I have written it as a parable. It is as beautiful as a necklace of rubies. He who reads it will be much pleased and the people will praise it.

Wâris Shâh is anxious to see God's face even as Hir longed for her lover. I make my request before the Holy Court of God, who is the Lord of Mercy. If I have let fall a word in ignorance may God forgive me. Without Thy justice I have no shelter. My safety depends on Thy grace. May my anxieties about my faith and the world vanish. This is my only prayer. May God pardon him who copies these words and give his bounty to those who recite it. May its readers enjoy the book. O God ! preserve the honour of all men. Let every man depart from this world with his shortcomings hidden from the public. God give all the faithful faith, conscience and a sight of His presence in the Day of Judgment.

APPENDIX.

HÎR AND RÂNJHA OF WÂRIS SHÂH, 1776 A.D.

(*A Critical Analysis.*)

By MULTANI [C. F. USBORNE].

[This analysis is based on Piran Ditta's edition printed for Mian Muḥammad Din. The most complete edition of this poem is probably that lately published by the Newal Kishore Printing Works, Lahore, by L. Kashi Ram, 1332 A.H.=1915 A.D. (1000 copies). It professes to be Muḥammad Din's edition of Piran Ditta's text.]

The love story of Hir and Rânjha is the most famous of all Panjabi tales. There have been at least twenty different versions of the story printed in the vernacular written at different times by different poets. As far as the European public is concerned, the story was first brought to their notice by Garcin de Tassy, the French scholar, who published in French a translation of Makbul's version. Next came Captain (now Sir Richard) Temple, who printed in his "Legends of the Panjab" two other versions, one from Jhang, the other from Patiala. Last came the Rev. Mr. Swynnerton, who gave an Abbottabad version of the story in his "Romantic Legends of the Panjab."

Temple in his book alludes to the version by Wâris Shâh and says he has been told that it is the most popular of all and that it has the reputation of having been written in the most idiomatic Panjabi. Temple is right in both of these criticisms.

There are many reasons why an English translation of Wâris Shâh's poem would be welcome. In the first place it is the most popular and best written book in the Panjabi language. The language of the dialogues—and the book is made up principally of dialogue—corresponds almost exactly with the vernacular spoken in the Central and West Central parts of the Panjab. There could be no better text book for students of the language.

The Central dramatic situation—a girl in love with a man whom she is not allowed to marry, hurriedly married elsewhere against her will—is a good one and it must strike a sympathetic chord in the heart of every man and woman in the Panjab.

But the chief merit of Wâris Shâh's poem is that round this interesting central problem, he has woven an excellent description of Panjab village life. I doubt if there is any other book which gives such a good picture of the village life of this province.

We are told that Bullah Shah, a Sufi poet and contemporary of Wâris Shah was a great friend of Darshani Nath. The latter from his name appears to have been a Jogi. Possibly Wâris Shâh too was personally acquainted with some of the Jogis. From internal evidence of the poem I should gather this was the case. His description of the Jogis on Tilla, of their jealousy of Rânjha and of their quarrels with Balnath, gives the impression of a picture drawn from personal experience.

Perhaps the most interesting part of the whole poem is the light it throws on the Jat character. It is admitted, I think, by everybody that Wâris Shâh has drawn the Jat to the life. The Jat is a rough and violent person. His chief weapon of offence is cunning or brute force. Rânjha overcomes the scruples of the Mullah by the mere violence of his abuse and one is rather surprised that the Mullah gives way so tamely. Hir does not hesitate to thrash her lame uncle Kaïdo most unmercifully; Kaïdo retaliates later on in the story by an equally savage onslaught on Hir's girl friends. Both sides indulge in a lot of very rough horse play. Chuchak remarks with pride that Jats are crafty swindlers.

When Chuchak finds that his buffaloes refuse to eat after Rânjha's dismissal, he at once recalls him, being apparently more concerned with the welfare of his cattle than with the reputation of his daughter. This attitude of Hir's parents is a little puzzling, because shortly before this Chuchak has been declaring that Hir ought to be poisoned and killed for her outrageous conduct, and her mother Milki had been equally emphatic, and yet they ask Rânjha to come back, thus inviting a repetition of the scandal.

Their whole attitude towards their daughter is interesting. Their anger seems mainly prompted by personal pride; what they are chiefly concerned about is not that Hir has done what is wrong, but that they will get taunted about it by other people in the village. When Kaïdo proposes to poison Hir, the chief argument he uses is that if the Sials let Rânjha marry Hir, the Sials in future will incur the reproach of double dealing. They poison Hir not to punish Hir or Rânjha but to save themselves from the sarcasms of their neighbours.

The interview between Rânjha and Balnath throws an interesting light on the characters of both sides. When once Rânjha has been initiated as a Jogi by Balnath, he throws off all disguise and admits that his real object in becoming a Jogi was to obtain in that disguise an interview with Hir. Balnath is naturally angry at having been thus deceived, and yet at the end of a very few minutes Rânjha wins him round to such an extent that he induces him to offer a solemn prayer for the success of his adventure.

Is it to Rânjha's merit to have taken in a holy man, or the holy man's merit to have perceived a real case of true love, or is the holy man a bit of a muff and easily swindled? It may be that Wâris Shâh is intentionally painting the Jats in rather black colours, for he goes out of his way on two occasions to indulge in a violent tirade against them.

Legend relates that the Dogar Jats of Thatta Zahid turned the poet out of their village, because they thought he was on too friendly terms with a woman called Bhag Bhari. This is probably true. There is a reference to Bhag Bhari once in the poem and it is not unlikely that the poet's love affair with Bhag Bhari inspired him to write his *Hir*. I have no doubt, that he drew freely on his own experiences in describing many of the episodes.

I will now give a brief analysis of the story. As far as I know, Wâris Shâh has never been translated into English before. Piran Ditta's text is not very accurate and it contains many obvious repetitions and interpolations. I have unfortunately not had time to check the translation as carefully as I could wish, and if it is in places inaccurate I should be very glad if any mistakes could be communicated to me.

The poem opens with a typical Muhammadan preface, the praise of God in somewhat Sufistic phraseology. "Praise be to God who made Love the foundation of the world." "God was the first lover; he loved the Prophet Muhammad." Next comes an invocation to the Four Friends of the Prophet, Abu Bakr, Umar, Usman and Ali followed by an invocation to Pirs and more especially to Mohiuddin, the special Pir of the Poet and to Shakar Gunj the famous saint of Pak Pattan. "When Shakar Gunj made his abode at Pak Pattan the Punjab was delivered of all its troubles." Then come a few lines explaining how the book came to be written. "My friends came to me and said 'rewrite for us the forgotten story of the love of *Hir* and Rânjha.' " The poet explains the pains he has taken in writing the poem. "I have bridled the steed of rare genius, set love on his back and let him loose in the field."

The style then drops to a more sober narrative, a description of Takht Hazara and the Rânjha Jats. We are then introduced to the family of Mauju headman (Chaudhri) of the village and Dhido his youngest and favourite son known later in the story as Rânjha. Mauju dies. Rânjha quarrels with his brothers and their wives. The dialogue between Rânjha and his sisters-in-law is most vivacious and natural. The Kazi is called in to partition the family land and, being suitably bribed, he gives the worst land to Rânjha. Rânjha on account of these family disagreements decides to leave his home and seek his fortunes elsewhere. His first adventure is at a mosque where he wishes to put up for the night. He has a battle of words with the Mullah.

The incident is interesting partly for the satirical description of the Mullah and partly for the light it throws on the free-thinking attitude of the Jats. "Tell me," says Rânjha, "the difference between what is holy and what is unholy; what is prayer made of? Who ordained prayer?" It is noticeable that the Mullah is unable to answer any of these questions and the interview ends in a typical exchange of abuse. Rânjha is ultimately allowed to spend the night in the mosque. The next incident is Rânjha's adventure at the ferry where he comes into collision with Luddan the boatman. We are introduced here for the first time to the fascination which Rânjha's musical powers and his beauty exercise over the people he meets. The character of Luddan the ferryman is treated on the same broad humorous lines as that of the Mullah. The next scene is at this same ferry and the first meeting of Rânjha and *Hir* is described.

The beauty of Hīr and her girl friends is detailed in a somewhat high flown language, but a good deal of the imagery is interesting and some of it is worth quoting. Hīr's beauty "slays Khatris and Khojas in the bazaar" like a murderous Kazilbash trooper riding out of the military camp. We meet here the word which gave its name to the Urdu language "urd bazaar." Incidentally this gives us an interesting glimpse of the terror inspired by the Kazilbash horseman and perhaps recalls the sack of Delhi by Nadir Shah. "The eyes of Hīr's girl friends were pencilled with the collyrium of Ceylon and Kandahar." "Their eye-brows are like the bows of Lahore." "The ring in Hīr's nose shone like the polar star." "Her beauty was as mighty as the onset of a storm." "Her features were as lovely as the curves of a manuscript" and "her teeth were as beautiful as the seeds of pomegranate." "Her locks are like black cobras sitting on the treasures of the Bar." (The belief is fairly widespread that cobras sit guarding buried treasure). "The onset of her beauty was as if armies from Kandahar had swept over the Punjab." This simile gives us an interesting picture of the recurrent invasions of India by the Muhammadans of Afghanistan and Central Asia. It is a simile that often recurs in the poem. Hīr then abuses the boatman for letting Rānjha sleep on her couch. "They—Hīr and her girl friends—descended on the boatman like a hailstorm sweeps over a field." Hīr then addresses Rānjha and the interview ends in both falling in love with each other.

The conversation of the two lovers is particularly interesting to English readers as the position of women in the east and the west is quite different. Hence the love scenes are cast in a different mould and the whole atmosphere of the love-making is quite different from that to which we are accustomed in the romantic literature of Europe. In the west the man is the lover and the woman the beloved. It is the man who falls in love with the woman and tries to win her affection. Man is the hunter, the pursuer, and woman the object of his pursuit. In the Panjab, and possibly in the east generally, the situation seems somewhat reversed. In nearly all Panjab literature the woman is the lover. More emphasis is laid on the woman's affection for the man than on the man's for the woman. It is she who makes love to the man. It is the woman who takes the initiative in all the stratagems and escapade incident in the adventure of love. The wives of Luddan fall in love with Rānjha, not Rānjha with them. They start off making love to him with alacrity long before he has ever noticed their existence. When Hīr and Rānjha first meet, it is Hīr who first falls in love with Rānjha. The affection of course rapidly becomes mutual, but the dialogue clearly shows that Hīr is the lover and that the first advances come from her. It is Hīr not Rānjha who suggests Rānjha shall become Chuchak's cowherd. In any European story the initiative in this respect would surely have been taken by the man. Then, later on in his story, it is Hīr who suggests that Rānjha should turn Jogi and meet her in this disguise. It is the woman who suggests the ruse by which Hīr shall feign snake-bite and Rānjha shall be called in as a physician to cure her. Throughout the story indeed the whole initiative lies with Hīr, and as far as the love-story is concerned Rānjha is a very poor spirited creature compared with Hīr. The hero of the love-story is certainly Hīr not Rānjha.

If this is typical of Panjabi love affairs at the present day, it is doubtful whether the framers of the Indian Penal Code were well advised when, on matters of abduction and running away with other peoples' wives they decided not to punish the woman. If the woman is the lover and author of all the initiative in such affairs, she certainly ought not to get off scot free. This is I believe and has been for a long time the opinion of the Indian public. But this is a digression and I will return to the story.

From the English point of view it is, as I have said, interesting to note that the principal advances come from Hîr and that Rânjha somewhat condescendingly agrees to accept them. It is Rânjha who is doubtful about Hîr's fidelity and he has no hesitation in informing the lady of this fact.

Hîr then goes to her parents and persuades her father and mother to take on Rânjha as their cowherd.

"My father", urges Hîr, "he is as learned as Solomon and he can shave the very beard of Plato. He has cunning to trace out thefts and he speaks with wisdom in the assembly of the elders. He can decide thousands of disputes and is learned in the wisdom of the Dogar Jats. He can swim buffaloes across the river and recover stolen cattle. He stands steadfast in his duty as a wrestler stands firm in the midst of the arena."

Hîr is successful in her endeavours and Rânjha is taken on as cowherd.

We then get a picture of Rânjha looking after the cattle in the Bar. In the forest he meets the Five Pîrs—Khwaja Khizar, the God of waters; Shahr Gunj, the saint of Pak Pattan; Shahbaz Kalandar of Uch; Zakaria of Multan, and Sayyad Jalal of Bukhara, also known as Makhdum Jahanian. The Pîrs console Rânjha and promise that he shall be successful in his pursuit of Hîr, "Hîr has been bestowed on you by the Darbar of God."

Each of the Pîrs then gives him a present, Khwaja Khizar a turban tuft, Sayyad Jalal a dagger, Zakaria a stick and blanket, Lal Shahbaz Kalandar a ring, and Shahr Ganj a handkerchief.

Then comes a passage in praise of buffaloes, "They swim in the deep waters; their soft eyes were like lotus buds and their teeth like rows of pearls." After this Hîr comes to visit Rânjha in the forest.

These frequent visits of Hîr to Rânjha in the forest start scandal among the village gossips and Hîr's mother Milki gives her a severe lecture.

"The taunts of the village folk have burnt me up utterly. Would to God no daughter like Hîr had ever been born to me." Hîr, however, will not listen to her mother and refuses to give up Rânjha.

Next, Hîr's crippled uncle Kaidu, the villain of the piece, comes on the scene. He has heard rumours of the love affair and he determines to see for himself if it is true. Disguised as a fakir, he gets into the forest and begs food from Rânjha. Rânjha unsuspectingly gives him part of the food Hîr has brought him from her home. When Hîr comes back from the river, Rânjha tells her of the visit of the fakir. Hîr rounds on him for being such a fool as to be taken in by Kaidu, and she runs off and catches Kaidu on the way to the village and gives him a severe thrashing.

Kaidu, however, escapes with a piece of the food which Rânjha gave him and he shows it to the village elders as evidence of the shame which Hîr is bringing on the village; he advises Hîr's parents to get her married at once.

There is another scene between Hîr and her mother. Hîr throughout is unrepentant.

The scandal is so pronounced that Chuchak decides to send Rânjha away. "Tell me, brothers of the Sials", he says reflectively, "what use have we for a cowherd like this? I did not engage him to be a bull among my cows. I meant him to take my buffaloes and not girls into the forest!"

Rânjha then leaves Chuckak's service exclaiming, "May thieves take your buffaloes and dacoits run away with your calves! What do I care for your buffaloes or your daughter, for twelve years I have grazed your buffaloes and now you turn me out without wages."

When Rânjha leaves, the buffaloes refuse to graze and many of them get lost, so Chuchak decides to ask Rânjha to come back. Rânjha agrees to come back and is installed again as cowherd. The Five Pirs again appear to Hir and Rânjha and assure them of their ultimate happiness.

The Kazi then appears and scolds Hir for her conduct. Hir argues with the Kazi and her parents and flatly refuses to give up Rânjha. Hir sends a message to Rânjha that she is unhappy with her parents. Rânjha again has an interview with the Five Pirs; he sings before them and gains their further approval. Rânjha's skill in music is explained at some length. If the passage is not an interpolation, it is rather an unnecessary display of musical learning on the part of the author.

This appears to be rather typical of Wâris Shâh. On several occasions he is rather fond of displaying his learning. For instance in his description of the different kinds of grasses and buffaloes in the Bar and in his description of Rânjha's medical skill. Indian readers of the poet are greatly impressed by this and they regard his learning as little less than miraculous.

After this musical interlude Rânjha discusses the nature of love with Mithi the barber woman. Mithi professes to explain the differing nature of woman of various castes in love affairs, Sikh women, Bengali women, Hill women, etc. This passage is rather an insipid *tour de force* and probably a good deal of it is interpolated.

Rânjha and Hir then take Mithi into their confidence and arrange to meet in her house.

Then comes rather an interesting description of Hir and her friends and Rânjha bathing in the Chenab. Kaido again hears that Rânjha and Hir are meeting in the forest and he tells Hir's parents. Hir and her mother have angry words. Hir's mother indulges in some very pointed criticism of her daughter's conduct.

The author shows himself completely acquainted with the more pointed features of the feminine vocabulary. This passage is probably the most complete dictionary of Panjabi feminine abuse that has yet appeared in print. For obvious reasons I do not venture to translate it.

The wicked uncle Kaido again distinguishes himself by discussing Hir's escapades with the elders of the village. Hir's girl friends tell her Kaido has been spreading scandal about her. They catch him and give him a thorough thrashing. The violence of the Jat girls is well brought out in this and other passages. "The girls encircled him even as police guards encircle Lahore. They burnt his hut and let dogs and chickens loose all over his things."

This passage perhaps refers to the police-guards put round Lahore by Adina Beg to watch over the Sikhs.

The return of the girls after wrecking Kaido's hut is described in another historical simile. "It was as if the royal armies had returned to Lahore after subduing Muttra." This probably refers to the invasion of Muttra by Ahmad Shah in 1758.¹²

¹² See *Elliot*, Vol. VIII, page 163, quoting from *Furhat-un-Nazarin* written by Mahammad Islam, a contemporary writer. "Najibudaula, having found means of secretly communicating with the Abdali, invited him to come to Hindustan. Accordingly, in the beginning of the fourth year of the reign (S.C. of Alamgir II), he came to Delhi, and, having ravaged it, proceeded to Muttra, where he massacred the inhabitants, broke the temples, and having plundered the town of immense wealth in property and cash, he cut the very nose of Hindustan, and returned to Lahore, where he gave his youngest son the title of Timur Shah, and left Jahan Khan there with the designation of Minister."

Kaido then complains to the panchayat who try and sooth his wounded feelings. They call up the girls and ask them why they have treated Kaido in this way. The girls make a spirited but obviously untrue defence. They put their fingers into their mouths with amazement and replied, "He is a lewd and wicked fellow, he pinches our cheeks and handles us in a mighty unbecoming fashion."

The girls then go and complain to Milki. They exclaim sarcastically, "You are kind to a quarrelsome knave like this cripple, and make your daughters stand before the village elders. This is a new kind of justice."

Kaido is discontented with his treatment at the hands of the panchayat and accuses them of partiality. Chuchak rebukes Kaido saying, "Ours is not a panchayat of men without shame or fear of God. We do the thing that is just and hate the thing that is evil. Let me see with my own eyes that your story is true and I will cut the throat of this wicked hussy and turn the shepherd out of this country."

Kaido then lies in ambush in the forest and seeing one day Hir and Rânjha together he runs off and tells Chuchak. Chuchak saddles his horse and surprises the lovers in each other's company. Hir with admirable commonsense and presence of mind suggests that her father had better overlook and pardon this escapade and that the less he talks about it the better it will be for the family honour and peace of mind. Chuchak with equal commonsense comes to the conclusion that the sooner he gets Hir safely married the better.

The scene then shifts to Rânjha's home at Takht Hazara. His brothers and their wives exchange letters with Hir and her father suggesting they shall let Rânjha come back to his home. Chuchak replies with spirit, "We will not turn him out but if he wants to go and see his brothers nobody will prevent him."

Rânjha's sister-in-law has a distinctly feminine slap at Hir: "If you want boys to debauch we can supply you with plenty." She then adds with an admirable touch of feminine jealousy, "If you wish to compete with us on the score of beauty we are quite ready to accept the challenge."

Hir is quite ready with her retort: "Did Rânjha's sisters-in-law love him so much that they turned him out of his father's house"? Hir firmly refuses to give up Rânjha, saying maliciously, "He refuses to go however much you may exert yourselves." I have quoted some of the remarks in the letters to show that Wâris Shâh is not without some skill in drawing characters.

Chuchak next discusses to whom he shall marry Hir. It is pointed out to him by the brotherhood that the Sials have never given their daughters to Rânjha Jats; hence marrying her to Rânjha is vetoed as out of the question. Chuchak is advised by his friends and relations to marry Hir to Saida, a Khera. The Kheras had suggested the alliance, and as it was a good match, Chuchak decides to give Hir in marriage to Saida.

Hir upbraids her mother when she hears of these matrimonial arrangements being made behind her back. The Sial girls come and sympathize with Rânjha on his bad luck and they upbraid Hir for being faithless to Rânjha. Hir tells the girls to bring Rânjha to see her in the disguise of a girl and she defends herself saying, "I have been telling my lover to run away with me, but the silly fellow missed his chance. Why does he turn round now and blame his bad fortune?" Then follows the description of the preparations made by Chuchak for the marriage.

APPENDIX V.

SPECIMEN OF THE SOUTH ANDAMAN LANGUAGE.

(Recorded in 1879, since when the race has been gradually dying out.)

Wai dól ákà-júwai èrem-tága-, dí'a bárai j l'ót ting tōlo bōicho,
 Indeed I (name of tribe) jungle-dweller, my village of name (name of village),
 júru tek elarpála-, móda ela-wánga-ya búd tek tót-gōra len náunga-bédig
 sea from far, if day-break-at home from coast to walking while
 tilik díla len dālagke. m'ar-árdūru ógar jibaba ékan bárai len
 perhaps evening in reach-will. We all months several own villages in
 búduke, ñgá (tár-ólo-len) jeg l'edāre áryōto l'ót-paicha-len lírke. ōna
 dwell-do, then (afterwards) dance for coast-people among go-do. When
 kichi-kun jeg-ikke ōko-iāraŋga ígal l'edāre mìn kátik-ikke,
 like-this go for a dance-do habitually barter for something (thither) take-do,
 kichikan reg-dama, éate reg-kōiob, éate ráta, éate jób, éate
 namely pork, also red-pigment, also wooden-arrows, also baskets, also
 chápaŋga, éate kúd, éate ráb, éate tála-óg, éate
 reticules. also hand-nets, also netting (see App. XIII), also white pigment, also
 tálag, éate párepa, éate kápa-játŋa, á-wih.
 hones, also sleeping-mats, also leaf-screens, et cetera.

m'akat-tí-dōiŋga-bédig ekára(-tek) oto-lá rámit-tōyuke ól-bédig kōike,
 We arriving on according-to-custom first sing-do and dance-do,
 tár-ólo-len árdūru mìn ígalke, ñgá med'ík-pōr dátŋa len íg-bádig-ŋa
 afterwards all things barter-do, then some of us spearing to seeing
 l'edāre áryōto l'ót-paicha-lal ódam len ákan-gaíke, marai-dilu
 for coast-people with bottom of boat in go (in canoe)-do, the rest of us
 áryōto-ŋgíji mitikŋa èrem-deleke.
 coast-kinsfolk accompanying hunt-pigs-in-jungle-do.

árla l'ík-pōr tár-ólo-len meda mìn árdūru kichi-kun élu, éla-tá, chō,
 Days a few after we things all such-as pig arrows. iron. knives,
 wōlo, bíjma, yádi-kōiob, yádi-dama, ōdo, chádi,
 adzes, bottles, turtle-unguent (see pigment), turtle-flesh. Nautilus shells. Pinna shells,
 garen, rēketo-tá, á-wih, ígalŋa len ōrok- yát
 Dentalium octogonum, Hemicardium unedo, et cetera. bartering in obtained which
 eniŋga-bédig chélepáke, ñgá m'ar-árdūru wijke.
 having-taken take-leave-do, then we-all return-home-do.

ignūrum áryōto len yát-taiŋga -tek. ól-bédig pūnēŋga -tek. ól-bédig
 Just as coast people to shooting fish from, and netting-fish from, and
 yádi-tōbiŋga -tek, ól-bédig ōko-deleŋga -tek, ól-bédig yát-dilu
 turtle-hunting from, and hunting pigs along coast from, and other means
 -tek, eba-káchya ákà-wélab yāba-, chá èrem-tága -len bédig wāblen-wāblen
 from, ever food-difficult not, so jungle-dwellers to also every season
 yát úbaba wai.
 food plenty indeed.

m'ar-èrem-tága-l'árdūru gūmul-ya ékan bid- len arat-tíeyike, ógun
 We jungle-dwellers all rainy-season during own homes in remain-do. only
 ráp-wáb -len yām pítaiŋga l'edāre ér-tálke, m'at-ŋgíji
 fruit-season in rain absence of (without) because-of pay-visits-do, our kinsfolk
 árdūru ígbadigŋa l'edāre, ógar úba-tál an íkpōr len meda wijke,
 all seeing because of, moon one or two in we return-home-do,
 ót-pāgi baila - wáb len kai-ita-ban jiranga l'eb búd
 again (name of tree)-season (see App. IX) in jack-fruit-seed burying for homes

APPENDIX V—*contd.*

tek meda jálake. ógar úbatúl - len ékan báraiĵ lat wĵke.
 from we shift-our-quarters-do. Moon one in own villages to return-do.

m'atngíĵi len áryôto tek éremtága at-ábaba. bár-l'ákà-
 Our tribesfolk among coast-people from (than) jungle-men numerous. (name of vil-
bíl tek tōlo-bòicho bódia, dōna érem kōktár len tōlo-bòicho
 lage—see Map) than (name of village) large. but jungle interior in (name of village)
tek báraiĵ ĵibaba bódia. mēta búd áryôto l'ia búd tek chánag-,
 than villages several large. Our huts coast-people of huts than large,
tálik ĵibaba meda góí yóblake yāba-
 years several we fresh (new) thatch-do not.

tálik úma len m'ar-árdúru ékan ékan báraiĵ lagiba yát dógaya ōroke.
 Year whole in we all own own villages near food plenty obtain-do.
ngátek-ngátek yát tēpnga l'eb met at dūruma-. med' ĵi-lōinga kōike
 Now-and-then food getting for us for sufficient. We frequently dance-do
ól-bédig rámit-tóyuke.
 and sing-do.

ōna mēta báraiĵ len úchin-ól oko-like űgá m'ar-árdúru ér l'árlúa len
 When our village in any-one die-does then we-all place vacant to
jálake, káto cháng-tōrnga an daranga len ekára naikan ógar l'ikpōr
 migrate-do, there hut or (see hut) in custom like moons few
pōlike, tár-ōlo-len tá ōroknga bédig l'í-tōlatnga l'eb tōlo-bòicho
 stay-do, afterwards bones obtaining on tears-shedding (dance) for (name of village)
lat wĵke.
 to return-do.

mōda oko-línga yābalen med' éremtága l'ia báraiĵ len at-jang'gi ligala
 If dead without we jungle-dwellers of villages in old-persons children
bédig árlalen búduke. ógun ráp-wáb len m'ótot-paichalen mētat (á) pail
 also always reside-do. Only fruit-season in us-with our women
jeg-iknga l'edáre arat-barmike; ktnig ol-l'ár-
 paying-entertainment-visits for pass-night-away-from-home-do; otherwise they
dáru at-jang'gi ligala naikan ékan báraiĵ len búduke.
 all old-people children like own villages in reside-do.

gúmúl -len reg-delenga l'edáre med' búla ĵi-lōinga árla l'ikpōr m'arat-
 Rainy-season in pig-hunting for we men often days few spend-
barmike.
 night-away-from-home-do.

med' éremtága. áryôto iglā, ōko-jāranga jálake yāba l'edáre
 We jungle-dwellers, coast-people unlike, habitually migrate-do not because-of
med' árlalen mēta bēra ol-bédig ákà-kíchal lagiba kōrke yāba-, kianchá
 we always our rubbish and food-refuse near cast-aside-do not, therefore
mēta báraiĵ len ōt-áu jābag yāba-
 our villages in smell bad not.

mētat áryôto len bédig báraiĵ l'ikpōr, káto ed' ōko-jā-
 Our coast-people among also villages (permanent) few, there they habit-
ranga ógar ĵibaba búduke, tōba-tek arat-dilu ĵi-lōinga jāla-
 ually moons several dwelt-do, while the rest (of them) frequently shift-their-
ke.
 quarters-do.

APPENDIX V—*contd.*

<i>mad-èrem-tága</i> Us jungle-dwellers		<i>ól-bédig</i> and	<i>áryōto</i> coast-dwellers	<i>l'ia</i> of	<i>bārai-j</i> villages (permanent)	<i>lagya</i> near			
<i>būd-l'ártām</i> kitchen-middens	<i>dōga-</i> large	<i>jūru</i> sea	<i>l'óng-pā-len</i> vicinity in	<i>ārla-dilu-réatek</i> from time immemorial	<i>èrem</i> jungle	<i>tōbo-</i> dense,			
<i>dōna</i> but	<i>dīn</i> interior of jungle	<i>len</i> in	<i>tōbo</i> dense	<i>yāba-</i> not.					
<i>ākà-kede l'ia</i> (Name of tribe) of		<i>èrem</i> jungle	<i>koktār-len</i> inside (interior)	<i>lirnga-</i> going	<i>bédig wai dō</i> on indeed I	<i>èrem-tága</i> jungle-dwellers			
<i>at-ūbaba</i> numerous	<i>ig-bádigre.</i> see-did.	<i>meda</i> We	<i>hiake</i> consider-do	<i>āña</i> that	<i>káto</i> there	<i>mat-dūru</i> us-all	<i>tek</i> than	<i>at-ūbaba.</i> numerous.	
<i>èrem-len</i> Jungle in	<i>dilu-réa-tek</i> everywhere	<i>chāuga-tābanga</i> ancestors (post-diluvial)		<i>l'idat</i> time	<i>tek</i> since	<i>tinga-bā</i> paths	<i>béringa.</i> good.	<i>wai</i> Indeed	
<i>dól</i> I	<i>āchitik</i> now	<i>ākà-béa</i> (name of tribe)		<i>l'ārdūru</i> all	<i>ig-bádigre,</i> seen-have,	<i>akat-bīra-būtya</i> inhabitants	<i>ka-wai-ārlalen</i> now-a-days	<i>yabā.</i> few.	
<i>med'ārdūru</i> We all		<i>ākà-bōjig-yāb</i> (name of tribe)		<i>ól-bédig</i> and	<i>ākà-kōl</i> (name of tribe)	<i>l'ia</i> of	<i>ekāra</i> customs	<i>tī-daike.</i> know-do,	<i>ōnt'</i> their
<i>ekāra</i> customs	<i>makat - pāra ;</i> our similar ;	<i>et-tek</i> them-among		<i>bédig</i> also	<i>m'akat-jūwai</i> as of the <i>ākà - jūwai</i> tribe		<i>naikan</i> like		
<i>aryōto</i> coast-people	<i>ól-bédig</i> as well as	<i>èrem-tága-</i> jungle-dwellers,		<i>káto</i> there	<i>bédig</i> also	<i>èrem-tága</i> jungle-dwellers		<i>ōgar</i> moons	
<i>jībaba</i> several	<i>dīn</i> heart-of-jungle	<i>len</i> in	<i>ōko-jāranga</i> habitually	<i>būduke,</i> dwell-do,	<i>ékan</i> own	<i>ékan</i> own	<i>bārai-j len</i> village in	<i>bédig</i> also	
<i>ār-ti-tegike.</i> remain-do.	<i>ākà-bōjig-yāb</i> (Name of tribe)		<i>l'ia</i> of	<i>dīn</i> jungle-interior	<i>kétia</i> small	<i>l'edāre</i> because-of		<i>káto</i> there	
<i>èrem-tága</i> jungle-people		<i>yabā.</i> few.							

Free Translation.

I belong to the inland section of the *ākā-jūwai* tribe (see Map, I.A., 1919, facing p. 24). The name of my village is *tōlo-bōicho*. It is far from the sea. If one were to start for the coast at daybreak one might perhaps by walking all day reach it in the evening.

We all live for several months at a time in our own villages, and then we visit the coast people for a dance. On such occasions it is customary to take with us articles for barter, such as :—pork, red pigment mixed with pig's fat, wooden-headed arrows, baskets, reticules, hand-nets, ornamental netting, white clay for personal adornment, hones, sleeping-mats, leaf-screens, etc.

On our arrival we first, according to custom, sing and dance, after which we barter all our things, and then some of us accompany parties of coastmen in their canoes in order to witness their skill in the use of the harpoon, we meanwhile squatting in the bottom of the canoes. The rest of our party join their coast-friends at pig-hunting.

After a few days we pack up all the articles we have received in exchange from the coast people, such as iron-headed pig-arrows, scrap-iron, knife-blades, adzes, glass-bottles and red-pigments mixed with turtle-fat, turtle-flesh, *Nautilus* shells, *Pinna* shells, *Dentalium octogonum* shells, *Hemicardium unedo* shells, etc., and then taking leave we return to our village.

APPENDIX V—*contd.*

Just as the coast-people by shooting and netting fish, by harpooning turtles and hunting pigs along the coast and by other means experience no difficulty in regard to food, so also do we who live in the jungle find plenty to eat in every season.

All who live in the jungle remain in their villages during the rainy season. We go our rounds of visits only during the fruit-season when there is no rain. It is then we go to see our kinsfolk at a distance. After an absence of a month or so we return. We again leave our homes towards the close of the dry-season in order to collect and bury jack-fruit seeds (*Artocarpus chaplasha*) for subsequent consumption. In about a month we return to our homes.

In our tribe those living in the heart of the jungles are more numerous than those living on the coast. *tōlo-bōicho* is larger than *bārākā-bāl*, but there are several villages in our jungle larger than *tōlo-bōicho*. Our huts are also larger than those of the people on the coast, and last several years without renewal.

During the whole year we find plenty of food near our villages. We find it sufficient to go only now and then to get food. We frequently spend our time in dancing and singing.

When any death occurs in our villages we all migrate to some vacant camping-ground, where we provide ourselves with temporary huts, in which we live according to custom for a few months; after which we recover the bones of the deceased, and return to *tōlo-bōicho* in order to perform the prescribed "tear-shedding" dance. Only under such circumstances is an established village vacated entirely for a certain time.

Women pass the night away from homes only when they accompany us (men) in the fruit-season for the purpose of paying our (annual) visits to our friends; otherwise, they, like the old people and young children, always remain in their own villages.

When engaged in a pig-hunting expedition during the rains, we men often spend two or more days away from our homes.

As we who live in the jungle, unlike the coast-dwellers, are not in the habit of migrating from one camping-ground to another, we deposit all our rubbish and refuse-matter at a distance from our villages, so that we are not troubled with offensive odours.

There are a few permanent villages among the coast-people, where some of the inmates usually dwell continuously for many months, while the rest of the community are constantly shifting their quarters.

There are large kitchen-middens near our villages as well as those of the permanent coast-dwellers. In the vicinity of the coast the jungle is denser than in the interior.

I have visited the interior of the *ākā-kede* territory, where I observed that there were a considerable number of people. We believe that they are more numerous than ourselves. We have had good jungle paths from remote times. I have now seen all the members of the South Andaman tribe; their number is small.

We are acquainted with the habits and customs of the *ākā-bōjig-yāb* and *ākā-kōt* tribes, they resemble ours. As with us so among them there are both coast-dwellers and jungle-dwellers. There also the latter are in the habit of living for months together in the heart of the jungle, and remaining each one at his own village. As only a small portion of the *ākā-bōjig-yāb* territory is any distance from the sea there are but few jungle-dwellers in that tribe.



A "chang-tornga" (see Hut p. 74) with Andamanese, showing (a) attitude when sleeping.
(b) sharpening arrow-head, and (c) greeting after long separation. (See Weep).

APPENDIX VI.*

COMPARATIVE LIST OF WORDS IN CERTAIN ANDAMAN DIALECTS AS
RECORDED IN 1876-79. WORDS INDICATING VARIOUS ORGANS
AND PORTIONS OF THE HUMAN BODY.

—	âkà-béa-	âkà-balawa-	âkà-bôjig- yâb-	âkà-jûwai-	âkà-kôl-	âkà-yére-
abdominal walls	ab-âpa-châa-	ôab-ôpa- chôâu	ab-kôicha-	râ-mûl-la	mûla(che)	é-pilu
ankle	ông-tôgur- ; ông-târ	ông-poá-tal	ông-tûgar-	ông-tôgar-	tôgar(che)	ông-brêno
arm	ig-gûd-	ig-gûd	îr-kít-	î-kít-	kít(che)	îr-kít
arm, fore-	ig-kôpa-	ig-kôpa	îr-pâla-	î-pâlak	pâlak(che)	îr-bâlu
arm, fore- (fleshy portion)	ab-kôpa- dama-	ab-kôpa- dôamo	ab-pâla- thôma-	a-pâlak-tôma	pâlak-tâma (che)	ông-bâla- thômo
arm, upper-	ig-kûrupi-	ig-gwarab	îr-kûrpi-	î-kurûpi	krûpi(che)	
arm, upper (fleshy portion)	ab-kûrupi- dama-	ab-gwarab- dôamo	ab-kûrpi- thôma-	a-kurûpi- tôma	krûpi-tâma (che)	
arm, biceps of	ig-gôra-	ig-gôrka	îr-kûra-	î-kiro	kûroi(che)	
arm-pit	ab-âwa-	ôab-kâukan	ab-kâran-	â-kôran	ab-kâran(che)	ông-pông
back	ab-gûdur- ; ab-lân-	ôab-gûdur	ab-kîtar-	kîtar	kîtar(che)	ôt-bâ
beard (jaw- hair)	âkà-ékib-pîj-	ô-aka-ékib- pât	ô-têib-paij-	ôôka-têib-paij	têib-pai(che)	îr-tap-bé
beard (chin- hair)	âkà-âdal-pîj-	ô-aka-darêka- pât	ô-têrya-paij-	ôôka-trêya- paij	trêya-pai- (che)	
bladder (lit. urine-of- place)	âr-ûlu-l'ia-êr-	ôar-ûlo-l'oge- êr	ar-châle-l'iya- tûwa-	râ-châla- lâiya-tûwa	châla-l'iya- tûwa(che)	
blood (if of hand)	ông-ti-	ô-ong-têi	ông-têwa-	ông-têwa	têwi(che)	
body	ab-châu-	ôab-chôâu	ab-kilak-	â-kêlik	ab-kêlik(che)	
bone (if of leg)	ar-tâ-	ôar-tô	ar-tô-	râ-tô	tô(che)	
bowels (intes- tines)	ab-jôdo-	ôab-jôodo	ab-chûta-	â-chûta	chûta(che)	jekâ-kât
brain	ôt-mûn-	ôat-môun	ôta-mîna-	ôta-mîna	ôta-mîna(che)	

* As it is found that the material available for Appendix VI would, if incorporated in its entirety in this place, not only entail delay in preparation—consisting as it does of notes written more than 40 years ago—but also increase to an unreasonable extent the space occupied by the appendices, it is considered desirable to furnish here *one* only of the many sections or parts pertaining thereto, reserving the remaining comparative tables for subsequent consideration. They relate to the following subjects:—Terms indicating degrees of relationship; Articles made and used by the Andamanese; Their various occupations; Living objects known to them; Miscellaneous natural objects; Vocabulary of words in common use; Tables of pronominal forms; Tables illustrating pronominal declension and the conjugation of verbs.

APPENDIX VI—*contd.*

—	ākā-bhā-	ākā-balawa-	ākā-bōjig-yāb-	ākā-jūwai-	ākā-kōl-	ākā-yēre-
breast (mamma)	ig-kām-	ig-kōam	īr-kōma-	ī-kōma	kami (che)	
breast, nipple of	ig-kām-l'ōt- chēta-	ig-kōam-l'ōat- chektōa	īr-kōma-l'ōto- tō-	ī-kōma-l'ōta- tō	kami-to-pāt (che)	
buttocks	ar-dama-	ōar-dōamo	ar-thōma-	rā-tōma	tōma(che)	era-thōma
calf of leg	ab-chālta- dama-	ōab-chōaltō- dōamo	ab-chōltō- thōma-	ā-chōltō- tōma	chār-tōma (che)	
cheek	ig-āb-	ig-ko-ōrmo	īr-kāb-	ī-kāp	kāp(che)	īr-nōko
chest	ōt-chālma-	ōat-chōalam	ōta-chālam-	ōta-chālam	ōta-pāk(che)	ē-būrongo
chin	ākā-ādal-	ō-aka-darēka	ō-tērya-	ōōka-trēya	trīya(che)	
coccyx	ar-gūdwin-	ōar-gūdain	ar-gūdin-	rā-pōtal	gūdin(che)	
collar-bone	ākā-gōdla-	ō-aka-gōdla	ō-kūtal-	ōōka-kūtal	kūtal(che)	
ear	ig-pūku-	ig-pūku	īr-bō-	ī-bōka	bōka(che)	īr-bō
eye	ig(or ī)-dal-	ig-dōal	īr-kōdak-	ī-tōl	kādik(che)	īr-ūlu
„ -brow	ig-pūnyur-	ig-pūngu	īr-bēng-	ī-bēa-kain	bēa-kaiñ(che)	īr-ūlu-bē
„ -lash	ig(or ī)-dal- l'ōt-pīj	ig-dōal-pūt	īr-kōdak-l'ōta- paij-	ī-tōl-l'ōta- paij	kādik-pai(che)	īr-ūlu-tū-bē
„ -lid	ig(or ī)-dal- l'ōt-ēj-	ig-dōal-kait	īr-kōdak- l'ōta-kait-	ī-tōl-l'ōta-kait	kādik-kait (che)	
face	ig-mūgu-	ig-mūgu	īr-mīka-	ī-mīka	mīka(che)	īr-mīko
finger	ōng-kōro-	ō-ong-yūkur	ōng-nōchap-	ōng-mīl	pūta-tōka- dōng(che)	ōng-kōra
„ middle	ōng-kōro- mūgu-chāl-	....	ōng-nōchap- mīka-chāl-	ōng-mīl- mīka-chōl	nōichap-miki chāl(che)	
„ little	ōng-iti-pīl-	ō-ong-kētepi	ōng-kūtap-	ōng-kāt-tap	pūta-tō-kātap (che)	
foot	ōng-pāg-	ōong-pōag	ōng-pōg-	ōng-tōk	tōk(che)	ōng-mā-tō
foot, sole of	ōng-elma-	ōong-kalma	ōng-kalam-	ōng-kālam	kālam(che)	ōng-kōtra
forehead	ōt-mūgu-	ōat-mūgu	ōta-mīka-	ōta-mīka	ōta-mīka(che)	īr-mīko
gall-bladder	ab-nēma-	ōab-toākār	ab-tām-	ā-tākam	tām(che)	
gullet	ākā-delta-	ōaka-gōrgam	ō-kōtāta-	ō-ōka-kūktātak	kōtāta(che)	
hair (of head)	(ōt-)pīj-	(ōat-)pūt	(ōta-)paij-	(ōta-)paij	(ōta-)pai(che)	(īr-)bē
hand	ōng-kōro-	ōong-kōro	ōng-kōra-	ōng-kōra	kōrai(che)	ōng-kōra
head	ōt-chēta-	ōat-chektōa	ōta-tō-	ī-tō	īr-tō(che)	īr-chō
heart (seat of affections, etc.)	ōt-kūg-	ōat-kūg	ōta-pō-	ōta-pōk	ōta-pōk(che)	īr-chār

APPENDIX VI—*contd.*

—	ákà-béa-	ákà-baluwa-	ákà-bôjig- yâb-	ákà-jûwai-	ákà-kôl-	ákà-yére-
heart (the organ),	ôt-kúk-tá-bana-	ôat-kûg-tô-boana	ôta-kô-pôna-	ôta-pôk-tô	ôta-kô-pôna (che)	
heel	ông-gûchul-	ông-kûdgo	ông-kêtel-	ông katel	kêtel(che)	
hip	ar-chôrog-	ôar-choôro	ar-bôt-	râ-bôt	bôt(che)	
jaw-bone	ákà-êkib-tá-	ôaka-êkib-tô	ô-têib-tô-	o-ôka-têib tôka	têb-tôka(che)	îr-táp
kidney	ông-châg-	ông-chôag	ông-chôg-	ông-chôk	chôg(che)	
knee	ab-lô-	ôab-lô	ab-lû-	â-lû	lû(che)	
knuckle	ông-kûtur-	....	ông-pôkter-	ông-tôgar	kûtar(che)	ông-kide ; ông kûju
lap	ab-paicha-	ôab-poaicho	ab-baicha-	â-bâcha	baicha(che)	ê-chô-thômo
leg	ar-châg-	ôar-chôag	ar-chôg-	râ-chôk	chôg(che)	
lip	ákà-pai-	ôaka-pá	ô-paia-	o-ôka-pâka	paiaka(che)	îr-nûku
liver	ab-mûg-	ôab-moûg	ab-mîg-	â-mîk	mîk(che)	
loin	ar-ête-	ôar-koáto	ar-kâta-	râ-kâtu	kâta(che)	
lung	ôt-âwa-	ôat-kâulô	ôta-kâran-	â-kôran	ôta-kôran(che)	
marrow (also brain, pus)	(ôt-)mûn-	(ôat-)môun	(ôta-)mîna-	(a-)mîna	(ôta-)mîna (che)	
marrow, spinal	ab-mûrudi-	o-ab-mûrudi	ab-mîratil-	â-marîtil-	marîtil (che)	
milk	ig-kâm-raif-	ig-kóam-roij	îr-kôma-räj-	î-kôma-räj	....
moustache	ákà-pai-la-pîj-	ôaka-pá-pîl	ô-paia-paij-	oôka-pâka-paij	paiaka-tâ-pai (che)	
mouth	ákà-bông-	ôaka-bông	ô-pông-	oôka-pông	pông(che)	îr-bôa
muscle	(ab-) yîlnga-	(ôab-) yîlnga	(ab-) yîlga-	(â-) jîlîng	yîlga(che)	
nail (of finger or toe)	ông-bô'doh-	ông-bô'do	ông-pûta-	ông-pûta	pûta(che)	ông-kâra
navel	ab-êr-	ôab-âkar	ab-târ-	â-tâkar	tâkar(che)	ing-ii
neck	ôt-lôngota-	ôat-yôau	ôta-lônga-	ôta-lônga	ôta-lôkar(che)	ôt-lôngo
nose	ig-chôronga-	ig-chôrngâ	îr-kâta-	î-kôta	îr-kôta(che)	îr-kâto
palate	ákà-dêliya-	ôaka-dôâr	ô-têriya-	oôka-târêya	târêya(che)	
palm	ông(or ig)-elma-	ông-kalma	ông-kâlam-	ông-kâlam	kâlam(che)	ông-kôtra
pus (see marrow)					.	
rib	ab-pâri-tâ-	ôab-pôram-tô	ab-bôraŋga-	â-barônga	barônga(che)	ê-burôngo-tôl
saliva (spittle)	ákà-tûbal-	ôaka-tûbal	ô-tâp-	o-ôka-têap	têap(che)	
shin	ab-châlla-	ôab-chôáltô	ab-chôltô-	â-chôltô	kûrub(che)	
shoulder	ig-tôgo-	ig-tôgo	îr-pârà-tô-	ê-parak-tôka	pârak-tôka(che)	îr-kûm

APPENDIX VI—contd.

—	ākā-bēa-	ākā-balawa-	ākā-bōjig-yāb-	ākā-júwai-	ākā-kōl-	ākā-yére-
shoulder-blade	ab-pōdikma-	ōab-po-ōdikmo	ab-ben-	ā-ben	bén(che)	
side	ākā-chāga-	ōaka-chōago	ō-chōka-	o-ōka-chāka	chāka(che)	
skin (of body)	(ab-)ēj-	ōab-kait	ab-kait-	ā-kait	kait(che)	
spine	ab-gōrob-	ōab-chōanoma	ab-kūrab-	ā-kūrup	kūrup(che)	ōm-rap
spinal-mar-row (see marrow)						
spleen	ab-pilma-	ōab-pilmō	ab-pāren-	ā-pāren	pāren(che)	
stomach	ab-ūpta-	ōab-kūpta	ab-kāptu-	ā-kaptō	kāptō(che)	
supra-renal fat and omentum	ab-jiri-	ōab-jiri	ab-chīra-	ā-chīra	chīri(che)	
sweat (of body)	(ab-)gūmar-	ōab-gūmar	ab-kīmar-	ā-kīmar	kīmar(che)	
tear (of eye)	ig-t'i-	ig-t'i	ir-wér-	i-wār	wār(che)	
temple	ig-tīmar-	ig-tīmar	ir-tānga-	i-tānga	tānga(che)	
testicle	ār-ōta-	ōar-ōta	ar-tōta-	rā-tōtak	tōtai(che)	
thigh	ab-paicha-	ōab-poaicha	ab-baicha-	ā-bācha	baicha(che)	ē-chō-thōmo
throat	ākā-ōrma-	ōaka-lēr	ō-nūram-	o-ōka-lōlar	nūram(che)	ākā-nōro
throttle (windpipe)	ākā-ōrma-bā-	ōaka-lōr-kīnab-	ō-nūram-kātja-	o-ōka-lōkar-ñau	nūram-kālawo(che)	
thumb	ōng-kōro-dōga-	ōong-gūchul-tā	ōng-nōchap-dūnga-	ōng-māl-chi-kōk-	nōchap-dūnga(che)	
toe	ōng-pāg-	....	ōng-rēpa-	ōng-rāpi	rēapala(che)	
toe, large	ōng-tūchab-	ōong-kōadgo	ōng-rēpu-dūnga-	ōng-tōk-chikōk	rēapala-dūnga(che)	
toe, middle	ōng-rōkōma-	....	ōng-rēpa-mīka-chāl-	ōng-tōk-mika-chōl	rēapala-mīk-chāl(che)	
toe, small	ōng-īlam-	ōong-kātap	ōng-rēpa-kātzm-	ōng-rāpi-chūtai	tōk-kātzip(che)	
tongue	ākā-étel-	ōaka-ātal	ō-tāātāl-	o-ōka-tātāl	tātāl(che)	ākā-tāt
tooth	ig-tūg-	ig-tōug	i-pēla-	i-pēlak	pēlak(che)	ir-pilē
urine	ār-ūlu-	ōar-ūlo	ar-chāle-	rā-chāl-	chāla(che)	arā-kēt
uvula	ākā-ted'imo-	ōaka-dar	ō-tād-dem-	o-oka-tadā-kam	tadākam(che)	
waist	ōto-kīnab-	ē-ōto-kīnab	ōto-kōdang-	o-ōka-kadēulak	kōdang(che)	
whiskers	ig-āb-pij-	ig-ko-ōrmo-pit	ir-kāb (lūr) paij	i-kāp-paij	kāp-tā-pai(che)	ir-nōko-bé
windpipe (see throttle)						
wrist	ōng-tōgo-	oong-tōgo	ōng-tō-	ōng-tō	tō(che)	ōng-tō



Types at Port Blair "Home". (cir. 1883).

37

1

APPENDIX VII.

LIST OF TERMS APPLIED TO MALES AND FEMALES FROM BIRTH TO OLD AGE IN ORDER TO INDICATE THEIR AGE, CONDITION, ETC.

Males.

During the first year ..	<i>ab-déreka-</i>	} <i>ab-ŋga-(a)</i> } <i>ŋla-(b)</i>	The term <i>ab-lápanga</i> -(long) is applied to a boy who is tall for his age.
„ „ second year ..	<i>ab-kétia-</i>		
„ „ next year or two.	<i>ab-dôga-</i>		
From about four till about ten years of age.	{ <i>â-walaganga-</i> or <i>â-walagare</i> }	} <i>ab-ŋga-(a)</i> }	Until the commencement of the probationary fast, which merely entails abstention from certain favorite articles of food, and again for some months after its termination, he is styled " <i>bôŋga</i> ".
During the next year or two.	{ <i>âkâ-kâdaka-</i> or <i>ablîga-ba-</i> (lit. child-not) }		
From about twelve till attaining puberty (the usual "fasting" period). See fast.	{ <i>âkâ-kâdaka-dôga-</i> }		
After termination of his novitiate (during first few weeks).	{ <i>âkâ-gôî-</i> <i>ab-wâra-gôî-</i> }	} <i>dâla-</i>	During his novitiate he is styled " <i>âkâ-yâb-</i> " [i.e. "(certain) food-abstainer"] or " <i>âkâ-yâba-</i> " [i.e. "(certain) food-not"].
From then till he becomes a father, or is still in his early prime.	{ <i>âkâ-gûmul-</i> }		
Single { bachelor { whether bachelor.. { or widower	{ <i>ab-wâra-</i> { <i>kâga-tôgo-</i> }		
Adult, married or single, lit. man.	<i>â-bûla-</i>		He is now a " <i>gûma</i> " as well as " <i>mar</i> " (see master) and is so regarded and addressed until he is about to become a parent or, if childless, is no longer young, when he is addressed or referred to as " <i>maia</i> ." See sir .
Bridegroom (before the ceremony).	<i>ab-dérebîl-</i>		
Ditto (after the ceremony and for a few days after).	{ <i>ar-wêred-;</i> { <i>ông-tâg-gôî-(c)</i> }		
Husband (newly married).	<i>îk-yâte(-bûla)-</i>		This term is applied to young persons only.
Ditto (after a few months).	<i>ab-bûla-</i>		
Newly-married (during first few months only).	{ <i>ân-jâti-gôî-</i> }		
Married (while still without a child).	{ <i>ông-tâg-(c)</i> }		While his wife is <i>enceinte</i> he is styled <i>pîj-jâbag</i> -(lit. hair-bad). <i>Lit.</i> , a father. During the first few months after the death of his child he is addressed or referred to as <i>maia-oko-linga</i> .
Married (having had a child).	{ <i>ab-châbîl-;</i> { <i>châbîl-châu-</i> }		
Married more than once (not applied during widowhood)	{ <i>tar-wâki-</i> }		
Widower	<i>mai-artéba-</i>		The survivor of an old couple united since their youth is styled <i>ab-râji-gôî-</i>
Old	<i>ab-jang'gi-; ab-chôroga-</i>		
White-haired	<i>ab-tôl-</i>		

(a) Signifies child.

(b) In reference to the testes.

(c) Their jungle-bed of leaves is called *tâg*.

APPENDIX VII—*contd.**Females.*

During the first year ..	<i>ab-dêreka-(a)</i>	} <i>kâta-(b)</i>	The term <i>âkâ-tâng-(tree)</i> is applied to a girl who is tall for her age.
Ditto second year ..	<i>ab-kêtia-(a)</i>		
Ditto next year or two.	<i>ab-dôga-(a)</i>		
From about four till } about ten years of age. }	<i>â-walaganga-(a)</i> or <i>â-walagare.</i>	} <i>ab-tîga-(c)</i>	As in the case of males both before and after the probationary period she is a <i>bôtiga-</i> , i.e., not restricted as to diet.
During the next year or two.	<i>âr-yôngi-</i>		
From about twelve till about sixteen years of age (her usual term of probation).	} <i>âr-yôngi-pôi-</i>		
After termination of her novitiate, for first few weeks.	<i>âkâ-gôî-(a)</i>	} <i>pôi-lola</i>	During her novitiate she is also styled <i>âkâ-yâb-</i> or <i>âkâ-yâba-</i> . As soon as she attains maturity she is called <i>ûn</i> (or <i>âkâ-lâ-wi-</i> and then receives her "flower" name (see App. IX), after which for a year or more she is <i>ab-jadi-jôg-gôî-</i>
Spinster	<i>ab-jadi-jôg-</i>		
Adult (married or single) <i>lit.</i> woman.	} <i>â-pail-</i>		
Bride (before the ceremony).	<i>ab-dêrebil-(u)</i>		
Bride (after the ceremony and for a few days).	} <i>ar-wêred-(a)</i> } <i>ông-täg-gôî-(a)</i>		
Newly-married (during first few months).	<i>ûn-jâti-gôî-(a)</i>		
Wife (newly-married) ..	<i>ik-yâte-(a)</i>		Applied to young persons only.
Wife (after some months) ..	<i>ab-pail-</i>		
Married (while still without a child).	<i>ông-täg-(a)</i>		
Ditto (or with no surviving child).	<i>ab-lûga-</i>		While <i>enceinte</i> she is called <i>pîj-jâbag-</i>
Ditto (after becoming a mother).	<i>ab-chânre.</i>		
Ditto more than once ..	<i>tar-wâki-(a)</i>		
Widow	<i>chân-arlêba-</i>		During the first few months after the death of her child she is addressed and referred to as <i>châna-oko-lînga-</i> See madam and mother . Not applied during widowhood.
Old	<i>ab-jang'gi-(a)</i> ; <i>ab-chôroga-(a)</i>		
White-haired	<i>ab-tôl-(a)</i>		
Twins (whether of the same sex or not).	<i>ab-điđinga-</i>		

(a) In those cases in which the term is common to both sexes and ambiguity would otherwise exist the word *pail*-(female) is added when that sex is referred to ; e.g., *ông-täg-pail-* ; *ab-tôl-pail-*.

(b) Signifies the genitals of a female.

(c) A child.

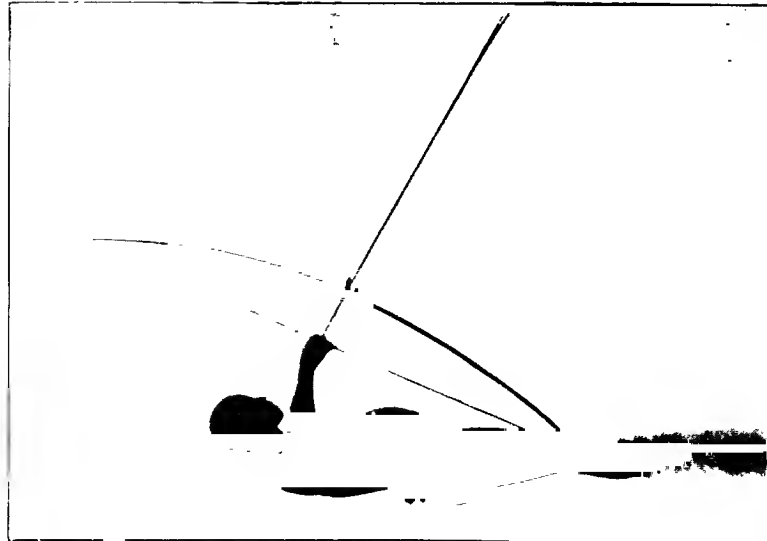


Photo by C. B. Kloss.

fig. 1. Native of Little Andaman
shooting fish

[Note the striking dissimilarity between the Little and South Andaman bows].

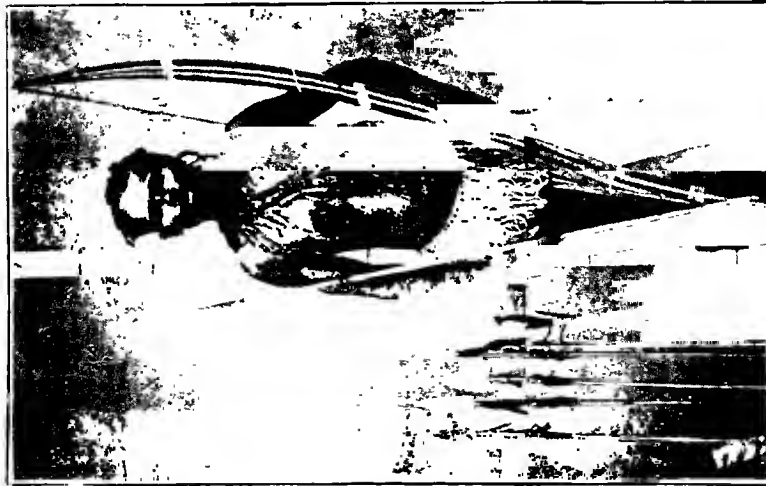


fig. 2. Loyal and influential Chief, died
during epidemic of measles, 1877.
[Note the striking dissimilarity between the Little and South Andaman bows].

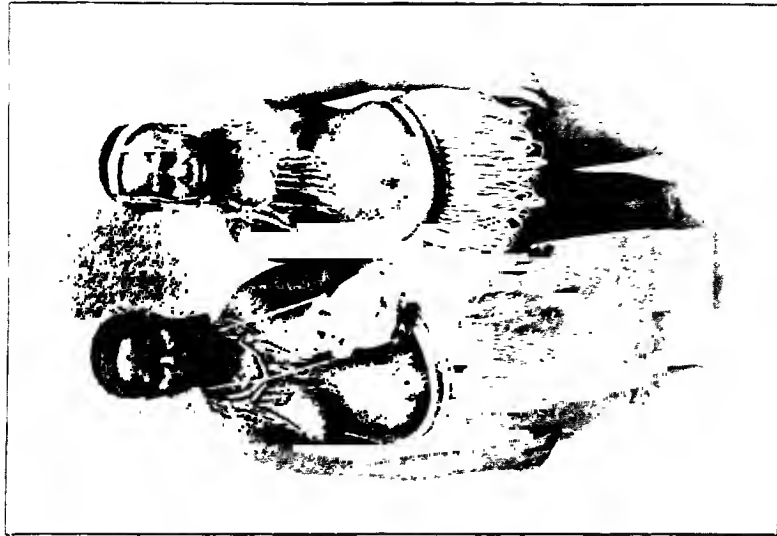


fig. 3. Carrying skull of husband as
memento.

APPENDIX VIII.

TERMS INDICATING VARIOUS DEGREES OF RELATIONSHIP.

My father (male or female speaking) ..	<i>d'ab-maiola</i> ; <i>d'ab-châbil</i> ; <i>d'ar-ôdinga</i> .
My step-father (ditto) ..	<i>d'ab-châbil</i> .
My mother (ditto) ..	{ <i>d'ab-chânola</i> ; <i>d'ab-étinga</i> ; <i>d'ab-wéjinga</i> ; <i>d'ab-wéjeringa</i> .
My step-mother (ditto) ..	<i>d'ab-chânola</i> .
My son (if under 3 years of age, either parent speaking).	<i>dia ôta</i> . See App. II and VII.
My son (if over 3 years of age), father speaking.	<i>d'ar-ôdire</i> ; <i>d'ar-ôdi-yâte</i> .
My son (if over 3 years of age), mother speaking.	{ <i>d'ab-étire</i> ; <i>d'ab-éti-yâte</i> ; <i>d'ab-wéjire</i> ; <i>d'ab-wéji-yâte</i> ; <i>d'ab-wéjerire</i> ; <i>d'ab-wéjeri-yâte</i> .
My daughter (if under 3 years of age, either parent speaking).	<i>dia kâta</i> .
My daughter (if over 3 years of age, either parent speaking).	<i>dia bā</i> .
My daughter (if over 3 years of age, father speaking).	<i>d'ar-ôdire</i> (or <i>d'ar-ôdi-yâte</i>)- <i>pail</i> .
My daughter (if over 3 years of age, mother speaking).	{ <i>d'ab-étire</i> (or <i>d'ab-éti-yâte</i>)- <i>pail</i> . <i>d'ab-wéjire</i> (or <i>d'ab-wéji-yâte</i>)- <i>pail</i> . <i>d'ab-wéjerire</i> (or <i>d'ab-wéjeri-yâte</i>)- <i>pail</i> .
My grandson (either grand-parent speaking).	{ <i>dia bālola</i> [for grand-daughter " <i>pail</i> ." is added].
My brother's (or sister's) grandson (m. or fem. speaking).	
My elder brother (m. or fem. speaking) ..	{ <i>ad entōbare</i> (or <i>ad entōbanga</i>) . <i>ad entōkare</i> (or <i>ad entōkanga</i>) .
My elder brothers (m. or fem. speaking) ..	{ <i>am-ettōbare</i> (or <i>am ettōbanga</i>) ; <i>am ettōkare</i> (or <i>am ettōkanga</i>) [for elder sister (or sisters) " <i>pail</i> ." is added].
My younger brother (m. or fem. speaking) ..	{ <i>d'ar-dōatinga</i> ; <i>d'ar-wéjinga</i> . <i>d'ar-wéjeringa</i> ; <i>d'ākū-kām</i> .
My younger brothers (m. or fem. speaking) ..	{ <i>m'arat-dōatinga</i> ; <i>m'akat-kām</i> etc. [for younger sister (or sisters) " <i>pail</i> ." is added].
My uncle, whether my father's (or mother's) elder or younger brother, or aunt's husband :	{ <i>dia maia</i> .
My husband's (or wife's) grand-father :	
My husband's (or wife's) sister's husband (if elder).	
My aunt, whether my father's (or mother's) elder or younger sister, or uncle's wife :	{ <i>dia e'ôp'it</i> .
My grand-mother or grand-aunt :	
My husband's (or wife's) grand-mother :	
My husband's sister (if senior and a mother) :	
My elder brother's wife (if a mother).	{

APPENDIX VIII—*contd.*

My grand-father or grand-uncle (m. or fem. speaking).	}	<i>dīa maiola.</i>
My elder sister's husband (m. or fem. speaking).		
My husband	{	(recently married) <i>ad ik-yâte.</i>
		(after a few weeks or months) <i>d'ab-bûla.</i>
My wife	{	(recently married) <i>dai ik-yâte.</i>
		(after a few weeks or months) <i>d'ab-pail.</i>
My husband's (or wife's) father or mother.	}	
My " " brother (if older).		
My " " brother-in-law	}	
(if older).		
My " " sister-in-law	}	<i>dīa māmola.</i>
(if older).		
My " " sister (if older	}	
and a mother).		
My " " brother (if of	}	
equal standing)		
My " " sister's husband (if	}	<i>dīa māmā.</i>
of equal standing).		
My " " sister or sister-in-law (if younger).	{	<i>dīa ôtīn</i> —(if not a mother her name would be used).
My daughter-in-law (m. or fem. speaking).		
My son-in-law (ditto.).	{	
My younger sister's husband (m. or fem. speaking).		
My husband's brother (if younger) ..		<i>d'akà-bū-bûla.</i>
My younger brother's wife (m. or fem. speaking).		<i>d'akà-bū-pail.</i>
My foster-father (ditto.).		<i>d'ab-mai-ôt-châtnga.</i>
My foster-mother (ditto.).		<i>d'ab-chân-ôt-châtnga.</i>
My parents (ditto.).		<i>d'ab-maiol-chânol.</i>
My adopted son (ditto.).		<i>d'ôt-châtnga.</i>
My adopted daughter (ditto.).		<i>d'ôt-châtnga-pail.</i>
My step-son (ditto.).		<i>d'eb-adenire.</i>
My step-daughter (ditto.).		<i>d'eb-adenire-pail.</i>
My nephew (brother's or sister's son) (m. or fem. speaking).	}	
My half-brother's (or half-sister's) son		
(m. or fem. speaking).	{	<i>d'ar-bū.</i>
My first cousin's son (ditto.).		
My niece (brother's or sister's daughter)	}	
(m. or fem. speaking).		
My half-brother's (or half-sister's) daughter	{	<i>d'ar-bū-pail.</i>
(m. or fem. speaking).		
My first cousin's daughter (m. or fem. speaking).	}	
My nephew's wife (m. or fem. speaking) ..		
My first cousin's daughter-in-law	{	<i>d'ar-bū-l'ai-ik-yâte.</i>
(m. or fem. speaking).		
My niece's husband (ditto.).	{	
My first cousin's son-in-law (m. or fem. speaking).		
		<i>d'ar-bū-l'ai-ik-yâte.</i>

APPENDIX VIII—*contd.*

My male first cousin (if older) (m. or fem. speaking).	}	
My elder half-brother (whether } uterine or consanguine) (ditto).	}	<i>d'ar-châbil-entôbare.</i>
My male first-cousin (if younger) (ditto).		<i>d'ar-dôatinga-.</i>
My younger half-brother (if uterine) (ditto).		<i>d'âkà-kâm-.</i>
My „ „ (if consanguine) (ditto).		<i>d'ar-dôatinga-; d'ar-wéjinga-.</i>
My first-cousin's wife (if older) (ditto).	}	
My elder half-brother's wife } (whether uterine or con- } sanguine) (ditto).	}	<i>d'ar-châbil-entôbare-l'ai-ik-yâte-.</i>
My first-cousin's wife (if younger) (ditto).		<i>d'ar-dôatinga-l'ai-ik-yâte-.</i>
My younger (uterine) half- } brother's wife (ditto).	}	<i>d'âkà-kâm-l'ai-ik-yâte-.</i>
My younger (consanguine) ditto (ditto).		<i>d'ar-dôatinga (or d'ar-wéjinga)-l'ai-ik-yâte-.</i>
My female first cousin (if older) (ditto).	}	
My elder half-sister (whether } uterine or consanguine) (ditto).	}	<i>dia châmol-âentôba-yâte-.</i>
My female first cousin (if younger) (ditto).		<i>d'ar-dôatinga-pail-.</i>
My younger half-sister (if uterine) (ditto).		<i>d'âkà-kâm-pail-.</i>
My „ „ (if consanguine) (ditto).	{	<i>d'ar-dôatinga-pail-.</i> <i>d'ar-wéjinga-pail-.</i>
My first cousin's husband (if older) (ditto).	}	
My elder half-sister's husband } (whether uterine or consan- } guine) (ditto).	}	<i>dia châmol-âentôba-yâte-l'ai-ik-yâte-.</i>
My first cousin's husband (if younger) (ditto).		<i>d'ar-dôatinga-pail-l'ai-ik-yâte-.</i>
My younger (uterine) half-sister's } husband (ditto).	}	<i>d'âkà-kâm-pail-l'ai-ik-yâte-.</i>
My younger (consanguine) ditto (ditto).		<i>d'ar-dôatinga (or d'ar-wéjinga)-pail-l'ai-ik-yâte-.</i>
The relationship subsisting between a married couple's parents.	}	<i>âkà-ya-kât-.</i>

APPENDIX IX.

LIST OF PROPER NAMES, TOGETHER WITH A LIST OF THE "FLOWER" NAMES BORNE BY YOUNG WOMEN DURING MAIDENHOOD AND EARLY MARRIED LIFE, AND A LIST OF THE VARIOUS SEASONS.

Proper names (common to both sexes).*		" Flower " name. ¹	Name of tree (or insect) in season. ²	Names of the various minor seasons.	Names of the principal seasons.
<i>baléa</i>	<i>kātiola</i>	} <i>chīlipa</i>	{ <i>lêkeru-</i> <i>chīlip-</i>	<i>lêkeru-wâl-³</i>	} <i>pápar</i> ⁴ (-wáb-)
<i>bérebí</i>	<i>lipa</i>			<i>chīlip-wáb-</i>	
<i>bía</i>	<i>lókola</i>	} <i>móda</i>	{ <i>pá-</i> <i>jör-</i>	<i>pá-wáb-</i>	
<i>bíalu</i>	<i>lōra</i>			<i>jör-wáb-</i>	
<i>bira</i>	<i>mēba</i>	<i>ōra</i>	<i>ōro-</i>	<i>ōro-wáb-</i>	
<i>bírola</i>	<i>mēbola</i>	} <i>jídga</i>	{ <i>jídga-</i> <i>tátib-</i>	<i>jídga-wáb-</i>	} <i>yêre-hó-lo-⁵</i> also <i>ráp-wáb-⁶</i>
<i>bōra</i>	<i>ngóngala</i>			<i>tátib-wáb-</i>	
<i>būlbula</i>	<i>niáli</i>	} <i>yére</i>	{ <i>yére-</i> <i>bája-</i>	<i>yére-wáb-</i>	} ⁷
<i>būrla</i>	<i>pārila</i>			<i>bája-wáb-</i>	
<i>būrnga</i>	<i>pótya</i>	<i>pátaka</i>	<i>pátak-</i>	<i>pátal-u-wáb-</i>	
<i>chēila</i>	<i>pōwísla</i>	<i>balya</i>	<i>baila-</i>	<i>baila-wáb-</i>	
<i>chōrmila</i>	<i>pūnga</i>	} <i>rèche</i>	{ <i>rèche-</i> <i>chádak-</i>	<i>rèche-wáb-</i>	} ⁸
<i>dōru</i>	<i>ría</i>			<i>chádak-wáb-</i>	
<i>gólut</i>	<i>ríala</i>	<i>chágara</i>	<i>chálanga-</i>	<i>chálanga-wáb-</i>	
<i>ira</i>	<i>tótól</i>	} <i>chārapa</i>	{ <i>būtu-¹⁰</i> <i>chārap-</i>	<i>tōpnga-wáb-</i>	} <i>gūmul-¹²</i>
<i>írola</i>	<i>túra</i>			<i>chārap-wáb-</i>	
<i>jāro</i>	<i>wōi</i>	} <i>chenra</i>	{ <i>diyum-¹¹</i> <i>chenara-</i>	<i>diyum-kópnga-wáb-</i>	} ⁹
<i>jōplola</i>	<i>wōichola</i>			<i>chenara-wáb-</i>	
<i>kála</i>	<i>wóloga</i>	} <i>yálu</i>	{ <i>râr-</i> <i>yálu-</i>	<i>râr-wáb-</i>	
<i>kátya</i>	<i>yéga</i>			<i>yálu-wáb-</i>	

* The following remarks may serve to illustrate the use of these names:—When a woman is *enceinte* she and her husband decide what name the child shall bear; as a compliment, they often select that of a relative, friend or chief. Supposing the name selected to be *bía*, should the infant prove to be a boy, he is called *bía-ōta*, or, if a girl, *bía-káta* (see App. VII, footnote b). These suffixes are applied only during the first two or three years, after which, until the period of puberty, the lad would be known as *bía-dála*, and the girl as *bía-pōi-lola* until she arrived at womanhood, when she is said to be *ūn* (or *áká*)-*lāwi*- and receives a "flower" name, as a prefix to her proper, or birth, name. By this method it becomes known when their young women are marriageable. There being eighteen prescribed trees which blossom in succession throughout the year, the "flower" name bestowed in each case depends on which of these trees happens to be in season when the girl attains maturity. If, for instance, this should be about the end of August, when the *chálanga*- (*Pterocarpus dalbergioides*) is in flower *bía-pōilola* would become *chágara-bía*, and this compound name would be borne by her until she married and was a mother, when the "flower" name would give place to the term *chána* (or *chána*), answering to *Madam*, which she retains unaltered for the rest of her life. If, however, she remain childless a woman has to pass some years of married life before being addressed as *chána*. As it rarely, if ever, happens that in any of their small communities two young women are found bearing the same "flower" and birth names, the possibility of confusion arising in this respect is very remote.

Since no corresponding custom exists in regard to the other sex, nick-names are frequently given to young men in allusion to some personal peculiarity, as for example, *bía-páy* (*bía-foot*), he having big feet; *baléa-jóbo* (*baléa-snake*), he having lost a hand from a snake-bite; *ira-jódo* (*ira-entrails*), he having had a protuberant belly in his youth. These nick-names cling to the bearer through life, especially if they refer to some physical defect or deformity. [Further details on this subject will be found in the *Journ. Roy. Anthropol. Inst.* (1893), Vol. XII, pp. 127-9.]

APPENDIX IX—*contd.**Explanatory Remarks.*

1. Bestowed on girls on attaining maturity.
2. For the botanical names of trees, see App. XI.
3. *wáb*- signifies "season."
4. The "*pâpar*-" commences about the middle of November and terminates about the middle of February. It comprises the "cool season".
5. This embraces the Summer and Autumn of the year. Honey is abundant at the commencement of the season, during the course of which the principal fruit trees are in bearing. It lasts about three months, *viz.*, till about the middle of May.
6. *Lit.*, season of abundance.
7. This period is called *lada-châu* (dirt-body) owing to their practice of smearing their persons with the sap of a plant of the *Alpinia* sp. (called *jini*-) when engaged in removing a honey-comb, swarming with bees, from a tree.
8. Is known as *tâla-tông-dêreka*- [*lit.* (fruit)-tree leaflet] in allusion to the fresh foliage of Spring, and lasts about $3\frac{1}{2}$ months, *i.e.*, till about the close of August, more than half "the rains."
9. Is known as *gûmul-wáb*- and lasts about $2\frac{1}{2}$ months, *viz.*, till about the middle of November, and comprises the latter portion of the rainy season.
10. The *bûtu*- is a slug found in rotten logs of gurjon wood (see *ârain*- App. XI). It is wrapped in a leaf and cooked before it is eaten. Prior to this its tail is *broken off* and thrown away (hence *tôpnga*-).
11. The *ôiyum*- is the larva of the great capricornis beetle (*Cerambyx heros*), and is found in newly-fallen logs, whence it is *scooped out* (hence *kôpnga*-), and then cooked and eaten.
12. This embraces the six months of the rainy season.

APPENDIX X.

TERMS INDICATING CERTAIN PERIODS OF THE DAY AND NIGHT, THE PHASES OF EACH LUNATION, VARIOUS TIDES, WINDS, CLOUDS, ETC.

Though the Andamanese are naturally content with a rough method of reckoning time-diurnal as well as nocturnal—the terms in use amply serve to meet all requirements. They are as follow :—

First appearance of dawn	..	..	..	..	..	wāngala-
Between dawn and sunrise	..	..	..	..	..	ela-wānga-
Sunrise	..	..	..	..	..	bôdo-la-dôatinga-
From sunrise to about 7 a. m.	..	..	..	..	..	lîli- ; dîlma-
Forenoon	{	rising sun	..	..	..	bôdo-la-kâg (al)- nga-
		big sun	..	..	..	bôdo-chânag-
Noon	..	..	..	..	..	bôdo-châu-
Afternoon	{	from noon till 3 p. m.	..	..	..	bôdo-la-lôringa-
		from 3 p. m. till about 5 p. m.	..	..	..	{ bôdo-l'âr-dîyanga- ; el-âr-dîyanga-
From 5 p. m. till sunset	..	..	..	..	..	dîla-
Sunset	..	..	..	..	..	bôdo-la-lôtinga-
Twilight	..	..	..	..	..	el-âkà-dàuya-
After dark till near midnight	..	..	..	..	..	el-âr-yîtinga-
Midnight	..	..	..	..	..	gûrug-châu-

Owing to their inability to count they have no means of denoting the number of *lunations* occurring during a solar year which, with them, consists of three main divisions, viz : *pâpar*-, the cool season ; *yêre-bôdo*-, the hot season ; and *gûmul*-, the rainy season. These again are sub-divided into twenty minor seasons (*see* App. IX), named for the most part after various trees which, flowering at successive periods, afford the necessary sources of supply to honey-bees.

The *lunar periods* recognised are :—

The waxing moon	..	..	..	ôgar-la-walaganga-	(lit. "moon-growing").
The waning moon	..	..	..	ôgar-lâr-ôdowānga-	(lit. "moon diminish- ing").

while the four phases of each lunation are indicated as follows :—

New moon	..	..	..	ôgar-dêreka-yabā-	(lit. "moon-baby-small").
First quarter	..	..	..	ôgar-chânag-	(lit. "moon-big").
Full moon	..	..	..	ôgar-châu-	(lit. "moon-body").
Last quarter	..	..	..	ôgar-kînab-	(lit. "moon-thin").

That they, moreover, recognise the influence of this luminary upon the *tides* (*kâla*-) is manifest from their terms denoting high and low tide at full-moon in the following list of recognised tidal phases :—

High-tide	{ kâla-chânag- ; êr-l'âr-to-têpare kâla-bâ-
Low-tide	..	..	..	..	..
High-tide at full-moon	..	..	..	..	..

APPENDIX X.—*contd.*

Low-tide at full-moon	..	..	..	..	..	ôgar-pâdi-
High-tide at new-moon	..	..	..	..	..	yêchar-kâla-
Low-tide at ditto	..	..	..	..	..	yêchar-pâdi-
Ditto at day-break	..	..	..	..	..	tôya- ¹
Flood-tide (generic)	..	..	..	..	..	la (or kâla)-bûnga-
Ditto at full- and new-moon (forenoon)	..	..	..	..	..	gûmul-kâla- ²
Ditto ditto (afternoon)	..	..	..	..	..	târ-bôrong-kâla- ³
Ditto between sunset and rising of waning moon	..	..	..	..	..	âkà-tig-pâla- ⁴
Ebb-tide (generic)	..	..	..	..	..	ela (or kâla)-érnga-
Ditto at full- and new-moon (forenoon)	..	..	..	..	..	gûmul-pâdi- ²
Ditto ditto (afternoon)	..	..	..	..	..	târ-bôrong-pâdi- ³
Neap-tide	..	..	..	..	..	nôro-

The four *cardinal points of the compass* are distinguished. The terms used are not derived from prevalent winds, but, in the cases of *east* and *west*, have reference to the *sun*; the word for the former (*el-âr-mûgu-*) signifying "appearing-face-place," and for the latter (*târ-mûgu-*) indicating "disappearing-face-place." The term for *south* (*el-iglā-*) is the "separate (distinct) place," while the meaning and derivation of that denoting *north* (*el-âr-jana*-⁵) remain doubtful.

The *winds* are distinguished as follows :—

N.E. wind	..	..	..	..	..	..	pûluga-tâ-; pâpar-tâ-
S.W. wind	..	..	..	..	..	..	déria-tâ-; gûmul-tâ-
N.W. wind	..	..	..	..	..	..	châl-jôtama-
S.E. wind	..	..	..	..	..	..	châla-tâ-

The second names of the first two refer to the seasons in which these winds are respectively prevalent (see App. IX). The reason assigned for the name of the N.E. wind ("God's wind") is that it blows from that region in which is situated the invisible legendary bridge (*pîdga-l'âr-chàuga-*) which connects their world with paradise (see *paradise*).

They recognise three forms of *clouds* indicating them thus :—cumulus.....*tôwia-*; stratus.....*ara-mûga-barnga-* and nimbus....*yûm-li-d'ya-*

Of the *stars* and *constellations* "Orion's belt" alone is found to bear a name (*bêla-*): this is due to the fact that they never venture out of sight of land, and experience no necessity for studying the bearing of the various planets at different seasons, or for distinguishing them by name. They, however, identify the "Milky-way," which they name *ig-yôlowa-*, and poetically describe as "the path used by the angels" (*môrowin-*).

1 Occurs 3 or 4 days after new and full-moon and is a favorite time for collecting shell-fish.

2 Between 3 and 9 a.m.

3 Between 3 and 9 p.m.

4 Favorite time for turtle hunting.

5 "*âr-jana*" appears to occur in only one other word, viz., "*târ-jana*," see App. III.

APPENDIX XI.*

LIST OF SOME OF THE TREES AND PLANTS IN THE ANDAMAN JUNGLES.

Andamanese name.	Botanical name.	Remarks.
<i>ábnga-</i> (a) ¹	<i>Dillenia pilosa</i>	
<i>aiña-</i>	<i>Dipterocarpus alatus</i> .	(Burm.) <i>Kanyin ngi</i> .
<i>alaba-</i>	<i>Melochia velutina</i> .	(See App. XIII, item 66).
<i>ám-</i> (a) (e)	<i>Calamus</i> , sp. No. 1.	
<i>ápara-</i> (d) (k) also <i>ábad-</i>	<i>Ptychosperma Kuhl.</i>	
<i>áraga-</i>	....	{ (Hindi) <i>Palawa</i> . { (Burm.) <i>Bebia</i> .
<i>árain-</i> (m)	<i>Dipterocarpus laevis</i>	{ (Burm.) <i>Kanyin byu</i> Gurjon-oil { tree.
<i>bada-</i> (o)	<i>Rhizophora conjugata</i>	{ (Burm.) <i>Byüma</i> . (See App. XIII, { item 1.)
<i>badama-</i>	....
<i>badar-</i> (a)	<i>Sometia tomentosa</i> (?)	
<i>baila-</i> (a) (b)	<i>Terminalia procera</i>	(Burm.) <i>Bambway byu</i> .
<i>bāja-</i> (y)	<i>Sterculia</i> (?) <i>villosa</i>	(Burm.) <i>Sabu-bani</i> .
<i>bálak-</i>	....	{ (See <i>Journ. R. Anthropol. Inst.</i> , { vol. XII, p. 161).
<i>balya-</i>	....
<i>bárata-</i> (c)	<i>Caryota sobolifera</i>	
<i>bátaga-</i> (a)	<i>Cerriops Candolleana</i>	(Burm.) <i>Madama</i> .
<i>béla-</i>	<i>Natsatium herpestes</i>	
<i>béma-</i>	<i>Albizia Lebbek</i> (?)	(Burm.) <i>Kukko</i> .
<i>bérekád-</i>	<i>Glycosinis pentaphylla</i>	
<i>bérewi-</i>	<i>Claoxylon affine</i> (?)	
<i>bibi-</i>	<i>Terminalia</i> (?) <i>citrina</i>	
<i>biriga-</i>	<i>Planchonia valida</i>	(Burm.) <i>Bambway ngi</i> .
<i>birtüt-</i>		
<i>bitim-</i>	<i>Sophora</i> sp.	
<i>ból-</i> (v)	<i>Calamus</i> sp.	Ground Rattan.
<i>bóma-</i>	<i>Claoxylon</i> sp.	
<i>bórowa-</i> (u)	<i>Myristica longifolia</i>	{ (Hindi) <i>Jaiphal</i> . { (Burm.) <i>Zadipho</i> .
<i>bótokōko-</i> (p)	<i>Sabia</i> (?)	
<i>búb-</i>	<i>Ancistrocladus extensus</i> (?)	
<i>búkura-</i> (i)	<i>Diospyros</i> (?) <i>nigricans</i>	{ Bastard ebony, or marble wood { (superior variety). See <i>pícha</i> .
<i>búr-</i>	....
<i>bútu-</i>	....	Extensively used in making arrows.
<i>cháb-</i> (a)	....	(Hindi) <i>Badám</i> .
<i>chádak-</i>	Rubiaceae	
<i>chäge-</i>	<i>Paratropia venulosa</i>	
<i>chai-</i>	....	{ Bows are generally made from { this tree.
<i>chaij-</i> (a) (b)	<i>Semecarpus anacardium</i>	(Hindi) <i>Biláwa</i> .
<i>chákan-</i> (b)	<i>Entada pursoetha</i>	
<i>chálanga-</i> (q)	<i>Pterocarpus dalbergioides</i>	{ (Hindi) <i>Sisu</i> . { (Burm.) <i>Padauk</i> .

* It was chiefly owing to the kind assistance afforded by the late Sir George King, when Superintendent of the Botanic Gardens at Howrah (Calcutta), that I have been able to ascertain the scientific names of many of the trees in this list.

¹ See Notes at end of this Appendix

APPENDIX XI—*contd.*

Andamanese name.	Botanical name.	Remarks.
<i>châm- (j)</i>	{ Areca laxa of Hamilton (a variety of Areca triandra) Cynometra polyandra Calamus sp.	Leaves used in thatching huts, and for making the warning wreaths round a grave or deserted encampment.
<i>châmti-</i>		
<i>chângta-</i>		
<i>châp-</i>	Terminalia sp	{ (Hindi) <i>Siris</i> . { (Burm.) <i>Tsit</i> . (Burm.) <i>Thingam-byu</i> .
<i>châto-</i>	Albizzia Lebbeck (?)	
<i>chânga-yûanga-</i>	Hopea odorata	
<i>chênir- (or chenara-)</i>	Leea sambucina	(Burm.) <i>Maukaraung</i> .
<i>chîlip-</i>	Diospyros densiflora (?)	
<i>chôad-</i>	....
<i>chôbal-</i>	Atalantia sp.	{ The fruit somewhat resembles { a medlar in flavour.
<i>chôngara- (a)</i>	....
<i>chôpa- (a)</i>	Leguminosae	
<i>chôb- (a)</i>	Calamus sp. No. 2	{ (Hindi) ? <i>Lâl chîni</i> . { (Burm.) ? <i>Chându</i> .
<i>chôknga-</i>	Goniothalamus Griffithii	
<i>chôlij-</i>	Hypolytrum trinervium	
<i>chôr- (i)</i>	Celtis cinnamomea	Sometimes used for paddle making. { (Hindi) <i>Môwa</i> . { (Burm.) <i>Kapâli thit</i> .
<i>chôram-</i>	Scolymus cornigerus	
<i>dâkar-tâla-</i>	Hydnocarpus	
<i>dêdebla-</i>	Xanthophyllum glaucum	(Burm.) <i>Fishum</i> .
<i>dôd-</i>	Myristica Irya	
<i>dôgota- (d) (f)</i>	Mimusops Indica (or ? littoralis)	
<i>dômto- (p)</i>	Guetarda speciosa	Wild plantain.
<i>dûmla-</i>	....
<i>dûra-</i>	Barringtonia racemosa	
<i>elêtâla-</i>	{ (Hindi) <i>Semba</i> . { (Burm.) <i>Didu</i> . { Its leaves are crushed and applied to malarial fever patients.
<i>êmej- (b)</i>	Terminalia bialata	
<i>engara- (a)</i>	Musa sp.	
<i>êrepaid-tât-</i>	Strychnos nux vomica	(Burm.) <i>Thip-pyû</i> .
<i>gâcho-</i>	....
<i>gad-</i>	Calophyllum spectabile	
<i>geldim- (a)</i>	Leguminosae sp.	See <i>Journ. R. Anthropol. Inst.</i> , vol. 12, p. 353. (Burm.) <i>Nubbhê</i> .
<i>gereng- (n)</i>	Bombax malabaricum	
<i>gûgma-</i>	Trigonostemon longifolius	
<i>îtil- (b)</i>	Pandanus (?)	(Burm.) <i>Thip-pyû</i> .
<i>jâ- (a)</i>	Gluta longipetiolata	
<i>jâla-</i>	Rubiaceae	
<i>jangma- (a)</i>	Stephania hernandifolia	See <i>Journ. R. Anthropol. Inst.</i> , vol. 12, p. 353. (Burm.) <i>Nubbhê</i> .
<i>jâdga-</i>	....
<i>jîni- (a)</i>	Alpinia sp.	
<i>jôr-</i>	Odina Wodier	

APPENDIX XI—*contd.*

Andamanese name.	Botanical name.	Remarks.
<i>jûlaij-</i> (b) <i>jûmu-</i> (a)	<i>Dendrolobium umbellatum</i> ? <i>Bruguiera gymnorhiza</i> , or <i>Rhizophora mucronata</i> .	{ (Burm.) <i>Byûbo</i> .
<i>kâdaka-</i> <i>kai-</i> (a)	<i>Ficus hispida</i> <i>Mangifera sylvatica</i>	Wild mango.
<i>kai-ita-</i> (a) (b)	<i>Artocarpus chaplasha</i>	{ (Hindi) <i>Kathar</i> .
<i>kâpa-</i> (a) (h)	<i>Licuala</i> (probably <i>peltata</i>)	{ (Burm.) <i>Toung-peng</i> .
<i>kâred-</i> (a)	? <i>Sterculia</i> (or <i>Sanadera Indica</i>)	{ The fruit contains a nut which after being sucked is broken when the <i>shell</i> is eaten and the <i>kernel</i> is thrown away.
<i>kârega-</i> (a) <i>kôkan-</i> (r) <i>kôn-</i> (a) <i>kôrtâla-</i> <i>kûdnga-</i> <i>kûnra-</i>	<i>Diospyros</i> sp. <i>Pajanelia multijuga</i> <i>Diospyros</i> sp. <i>Griffithia longiflora</i> One of the <i>Rubiaceæ</i> <i>Dracontomelum sylvestre</i>	
<i>lêche-</i>	<i>Lactaria salubris</i>	{ The fruit being large and round is often used as a moving target by being rolled along the ground or down a slope and shot at while in motion.
<i>lêkera-</i> <i>lôgaj-</i> (a) <i>lôkoma-</i> <i>mâchal-</i> <i>mai-</i> (x)	<i>Leguminosæ</i> sp. <i>Angiopteris evecta</i> <i>Atalantia</i> sp. <i>Sterculia</i> (?)	(Burm.) <i>Auk yenza</i> .
<i>mâng-</i> (a) (b) (l)	<i>Pandanus Andamanensium</i>	(Hindi) <i>keora</i> .
<i>mônag-</i> <i>môt-</i> <i>mûtwîn-</i> (a) <i>ngâtya-</i> (a) <i>ngêber-</i> (b) <i>nûraimo-</i> <i>ôdag-</i> <i>ôdorma-</i> (a) <i>ôli-</i> (a) <i>ôlma-</i> <i>ôro-</i>	<i>Mesua ferrea</i> <i>Heritiera littoralis</i> <i>Anacardiaceæ</i> <i>Bruguiera</i> sp. <i>Cycas Rumphii</i> <i>Ficus</i> sp. No. 1 <i>Eugenia</i> sp. <i>Ficus</i> (probably <i>macrophylla</i>) <i>Chickrassia tabularis</i>	{ (Hindi) <i>Sâl</i> . { (Burm.) <i>Gangua</i> .
<i>ôropa-</i> (a) (b) (i)	<i>Baccaurea sapida</i>	{ (Hindi) <i>Khatta phal</i> . { (Burm.) <i>Kanazo</i> .
<i>ôrta-tât-</i> (a) (g) <i>pâ-</i> (b) <i>paima-</i> <i>paitla-</i> (b) <i>pâb-</i> <i>pâr-</i>	<i>Uvaria micrantha</i> <i>Semecarpus</i> (?) <i>Clausena</i> (probably <i>Wallichii</i>) <i>Lagerstroemia regina</i> (? <i>hypoleuca</i>) <i>Leguminosæ</i> sp.	(Burm.) <i>Thikadoe</i> , (Burm.) <i>Pima</i> .

APPENDIX XI—*contd.*

Andamanese name.	Botanical name.	Remarks.
<i>pâra-</i> <i>pârad-</i>	Gramineæ	{ Leaves sometimes used as "aprons" by women. See <i>dôgota</i> and (f). The kernel of the seed is eaten. } See <i>Journ. Roy. Anthropol.</i> <i>Inst.</i> , Vol. 12, p. 151.
<i>pâtak-</i>	<i>Meliosma simplicifolia</i>	
<i>pâtla-</i>	<i>Asplenium nidus</i>	
<i>pêdag-</i> <i>pêli- (a)</i> <i>pêtaing-</i> <i>Gnetum scandens</i> <i>Memecylon varians</i>	{ Bastard ebony or marble wood (inferior variety). See <i>bûkura-</i> (ante). Common cane. Fibre extensively used, vide <i>Journ. Roy. Anthropol. Inst.</i> , Vol. 12, pp. 383-5.
<i>pîcha- (i)</i>	<i>Diospyros</i>	
<i>pîdga- (w)</i>	
<i>pîlita-</i>	<i>Gnetum edule</i>	{ (Burm.) <i>Kimberlin</i> . Male variety, used for making the shaft of the turtle-spear and for poling canoes. (Burm.) <i>Ngâzu</i> sp. No. 1.
<i>pîrij-</i> <i>pîti-</i> <i>pô- (t)</i> <i>pôr- (a)</i>	<i>Afzelia bijuga</i> <i>Derris scandens</i> <i>Bambusa Andamanica</i> <i>Korthalsia (or Calamosagus) sca-</i> <i>phigera</i> .	
<i>pôrud-</i>	probably <i>Schmeidelia glabra</i>	
<i>pûa-</i>	<i>Bambusa</i>	{ (Burm.) <i>Ngâzu</i> sp. No. 1.
<i>pûlain- (b)</i> <i>pûlia- (b)</i> <i>pûlka-</i>	. . . . <i>Mucuna</i> sp. <i>Memecylon (probably capitella-</i> <i>tum)</i> .
<i>pûta- (b)</i> <i>râ-</i> <i>râb-</i> <i>râr-</i>	<i>Nipa fruticans</i> <i>Dendrobium secundum</i> <i>Phoenix</i> sp. <i>Eugenia (?)</i>	
<i>râu-</i> <i>rêche-</i> <i>reg-l'âkâ-châl-</i>	<i>Ficus laccifera</i> <i>Eugenia</i> sp. <i>Polyalthia Jenkinsii</i>	{ Dhunny leaf palm. (Hindi) <i>Kajûr</i> . { (Hindi) <i>Chandan</i> . { (Burm.) <i>Tau-ngim</i> . { (Hindi) <i>Bargat</i> . { (Burm.) <i>Ngîâu</i> . (Burm.) <i>Mai-âmbu</i> .
<i>rîdi-</i>	<i>Bambusa (?) nana</i>	
<i>rîm- (s)</i> <i>rôtôin-</i> <i>tâlanga-tât-</i>	<i>Celtis (or Gironniera)</i> <i>Syzygium Jambolanum</i> <i>Antitaxis calocarpa</i>	
<i>tâlapa-</i>	<i>Terminalia trilata (?)</i>	{ Used for making the shafts of the <i>râta-</i> , <i>tirlêj-</i> , and <i>tôlbôd-</i> arrows. (Burm.) <i>Tingam</i> . (Burm.) <i>Gangua ngee</i> . { (Burm.) ? <i>Ngâzu</i> sp. No. 2. or <i>Kyu na lin</i> . { (Hindi) <i>Chuglam</i> .
<i>tân-</i>	<i>Corypha macropoda</i>	

APPENDIX XI—*contd.*

Andamanese name.	Botanical name.	Remarks.
<i>tâpar-</i>	<i>Erycibe coriaca</i>	
<i>tâtib- (a) (i)</i>	<i>Croton argyratus</i> (Blyth)	(Burm.) <i>Chaunu</i> .
<i>tî-</i>	....
<i>tôkal-</i>	....	(Burm.) <i>Kiâtalung</i> .
<i>tôl-</i>	<i>Amomum dealbatum</i> (or <i>sericeum</i>)	
<i>tôp-</i>	<i>Barringtonia Asiatica</i>	
<i>tôla-</i>	....	(Burm.) <i>Pyu</i> .
<i>ûd- (b)</i>	<i>Menispermaceae</i>	
<i>ûdala-</i>	<i>Pandanus verus</i>	
<i>ûj- (a)</i>	<i>Tetranthera lancoefolia</i>	See App. XIII, item 76.
<i>ûl-</i>	<i>Carapa obovata</i>	(Burm.) <i>Penleong</i> .
<i>ûlara-</i>	<i>Maranta grandis</i> (or <i>Phrynium grande</i>)	
<i>waiña-</i>	....
<i>wânga-</i>	<i>Pterospermum acerifolium</i>	{ (Hindi) <i>Jungli saigon</i> .
<i>wai'unga-</i>	....	{ (Burm.) <i>Pânu</i> .
<i>wilima-</i>	<i>Podocarpus polystachia</i> .	(Burm.) <i>Thit min</i> .
<i>yârla-</i>	....
<i>yâtigi-</i>	<i>Rubiaceae</i>	
<i>yêre-</i>	<i>Sterculia</i> sp.	
<i>yôlba-</i>	<i>Anodendron paniculatum</i>	See App. XIII, item 64.

(a) Fruit is eaten.

(b) Seed is eaten.

(c) Heart of the tree is eaten.

(d) Pulpy portion of spathe is eaten.

(e) Leaf stems used in manufacture of sleeping-mats. (App. XIII, item 23.) Leaves used for thatching purposes.

(f) Rotten logs used as fuel; leaves used by women as "aprons" (*ôbunga-*) (see *Journ. Roy. Anthropol. Inst.*, Vol. 12, pp. 330-1 and App. XIII, item 79.)

(g) Stem of this plant used for the frame and handle of the hand-net (*kûd-*), see App. XIII, item 20.

(h) Leaves used for thatching, for screens (see App. XIII, item 74), for bedding, for wrapping round corpse, for packing food for journey, prior to cooking, etc.

(i) Rotten logs used as fuel.

(j) Used in manufacture of the fore-shaft of the *râta-*, *tirlêj-*, *tôlbôd-*, and *châm-* arrows (vide App. XIII, items 2, 3, 4, and 8) and sometimes also the skewer (item 77).

(k) Leaves used for thatching and for bedding.

(l) Leaves used in the manufacture of articles of personal attire (see App. XIII, items 25, 27, 28, 31).

(m) The middle portion of rotten logs used for torches.

(n) Rarely used for making canoes.

(o) Used for adzes, sometimes for foreshafts of arrows and for making children's bows.

(p) Leaves used for the flooring of huts.

(q) Buttress-like slab roots used for making the sounding-boards employed when dancing.

(r) Used for making canoes.

(s) Resin used in manufacture of *kânga-tâ-bûj-* (see App. XIII, item 62).

(t) Used in making the *gôb-*, *kai-*, and sometimes the *tôg-* (see App. XIII, items 82, 80 and 10).

(u) Generally used for making paddles and the leaves for bedding.

(v) Used for making shaft of hog-spear.

(w) Used for making baskets, fastenings of adzes, turtle-spears, torches, (*tôug-*) and of bundles; also for suspending buckets, for stitching cracks in canoes and in thatching.

(x) Used for making canoes; the resin is employed in making torches.

(y) Used for making canoes, pails, and eating-trays.

APPENDIX XII.

LIST OF SHELL-FISH COMMONLY KNOWN TO THE ANDAMANESE.

Andamanese name.	Scientific name.	Remarks.
<i>bad-</i> (a)	....	Large edible crab. See Dict.
<i>bada-ōla-</i> (a) ¹	<i>Monodonta</i> (? <i>labeo</i>)	
<i>badgi-ōla-</i> (a)	<i>Delphinula laciniata</i>	
<i>bé-</i>	<i>Pecten</i> (?) <i>Indica</i>	Scallop.
<i>châpata-</i> (b) ¹	<i>Pteroceras chiragra</i>	Scorpion shell.
<i>châuga-l'ôt-chûkul-</i>	<i>Murex tribulus</i>	
<i>chej-</i> (also <i>chôla</i>)	<i>Pinna</i> (?) <i>squamosa</i>	Bouquet-holder shell.
<i>chîdi-</i> (b)	<i>Pinna</i> (?)	
<i>chôkotâ-</i>	? <i>Conus eburneus</i>	
<i>chôrom-</i> (a)	<i>Scolymus cornigerus</i>	
<i>chôwai-</i> (a)	<i>Tridacna crocea</i>	
<i>chû-</i> (a)	<i>Murex</i> (?) <i>palma-rosae</i>	Rose-bud shell.
<i>êla-</i>	<i>Perna ehippium</i>	
<i>garen-</i>	<i>Dentalium octogonum</i>	
<i>garen-ōla-</i> (a)	<i>Turbo</i> (?)	Top-shell.
<i>îna-ōla-</i> (a)	<i>Nassa</i> (?) <i>toenia</i>	<i>Dog-whelk.</i>
<i>jârawa-ōla-</i> (a)	<i>Purpura Persica</i>	
<i>jîrka-î-</i>	<i>Cyrena</i> (?)	
<i>jôrol-</i> (b)	<i>Cerithidea telescopium</i>	
<i>jâruwin-l'âkâ-bang-</i>	<i>Solen vagina</i>	Razor-fish.
<i>kâmruj-</i>	<i>Trochus</i> (?) <i>obeliscus</i>	
<i>kâraḍa-</i>	<i>Arca granosa</i>	
<i>kâta-</i> (a)	....	Small edible crab. See Dict.
<i>kônop-</i> (a)	<i>Tridacna squamosa</i>	
<i>kai-</i> (a)	....	Prawn. See Dict.
<i>kaibij-</i> (a)	....	Shrimp. See Dict.
<i>lido-</i>	<i>Turbo marmoratus</i>	Is eaten by the <i>Balawa</i> tribe only.
<i>lita-</i> (a)	<i>Cassis glauca</i>	Helmet-shell. King-conch.
<i>mâlto-</i> (a)	<i>Venus</i> (?)	
<i>mâred-</i> (a)	<i>Venus meroë</i>	Pattern-shot Venus.
<i>mâreno-</i> (a)	<i>Patella variabilis</i>	Rock-limpet.

¹ (a) denotes those that are cooked and eaten by all, while (b) indicates those that are cooked and eaten by married persons only.

APPENDIX XII—*contd.*

Andamanese name.	Scientific name.	Remarks.
<i>nêred-</i>	<i>Mitra adusta</i>	Mitre-shell.
<i>ôdo-</i>	<i>Nautilus pompilius</i>	
<i>ôla- (a)¹</i>	<i>Cerithium (? nodulosum)</i>	
<i>ôla-l'ig-wôd</i>	....	Hermit-crab. See Dict.
<i>ôlog-</i>	<i>Strombus (? pugilis)</i>	
<i>paidek- (a)</i>	<i>Arca (?)</i>	
<i>pail- (b)</i>	<i>Mytilus smaragdinus</i>	Sea-mussel.
<i>pailta- (b)</i>	<i>Pharus (?)</i>	
<i>pâp-ôla- (a)</i>	<i>Turbo porphyreticus</i>	
<i>pête- (a)</i>	<i>Circe (?)</i>	
<i>pôrma- (a)</i>	<i>Arca (?)</i>	
<i>pûluga-l'ar-âlang-</i>	<i>Dolium latelabris (? galea)</i>	
<i>rêketo-</i>	<i>Hemicardium unedo</i>	
<i>rôkta- (b)</i>	<i>Cyrena (?)</i>	
<i>târa-ôla- (a)</i>	<i>Natica alumen</i>	
<i>tailig-pûnur-</i>	<i>Conus (? nobilis)</i>	
<i>teb- (a)</i>	<i>Bulla naucum</i>	Bubble-shell.
	<i>Cypraea Arabica</i>	Cowry.
<i>têlim-</i>	„ <i>Mauritiana</i>	
	„ <i>Talpa</i>	
	„ <i>Tigris</i>	
	„ <i>Vitellus</i>	
<i>til-</i>	<i>Cassis Madagascariensis (? also tuberosa)</i>	Queen-conch.
<i>tôina-</i>	<i>Ostrea (?)</i>	Eaten many years ago but not now.
<i>tûa- (a)</i>	<i>Trochus Niloticus</i>	
<i>û- (a)</i>	<i>Cyrena (?)</i>	See App. XIII, item 51 (<i>û-ta-lit., û-shell</i>).
<i>ûchup-</i>	<i>Conus textile</i>	Cone shell.
<i>ûyo-</i>	<i>? Turbinella pyrum</i>	Chank (or shank)-shell.
<i>wal- (b)</i>	<i>Spondylus (?)</i>	Thorny oyster.
<i>wâka- (a)</i>	....	Lobster, also craw(or cray)-fish.
<i>wângata- (a)</i>	<i>Arca (? granosa)</i>	
<i>wôp- (b)</i>	<i>Ostrea (?)</i>	Oyster.
<i>yâdi-l'âr-ête- (a)</i>	<i>Haliotis glabra (also H. asininus)</i>	Ear-shell.

¹ (a) denotes those that are cooked and eaten by all, while (b) indicates those that are cooked and eaten by married persons only.

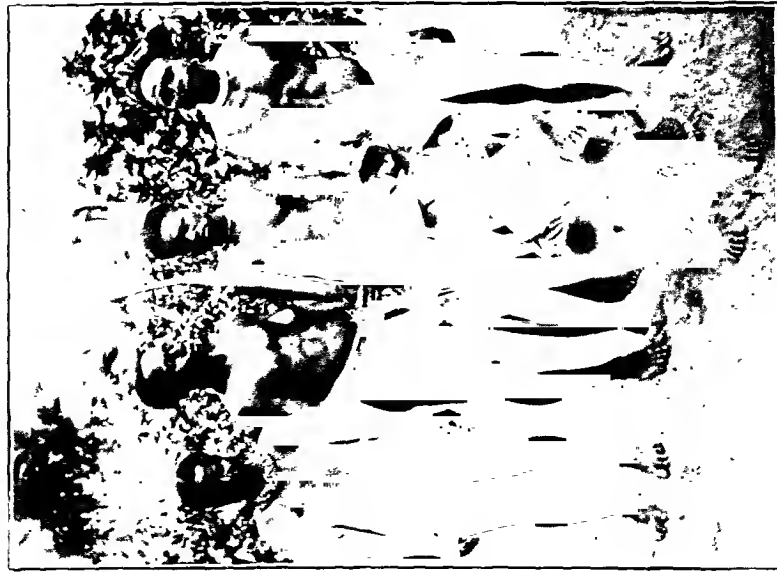


fig. a. Natives of Great Andaman at Port Blair "Home".



fig. b. Back-tattooing, as practised by the Yerewa tribes. [See Dict'y, p. 24.]

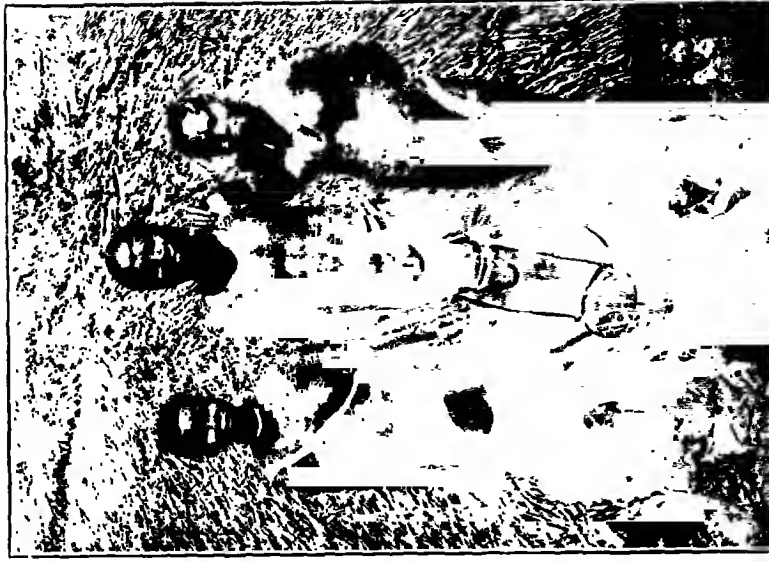


fig. c. Natives of Little Andaman.

1

5
:
:
:
:



fig. a. Some inmates of the "Home" at Port Blair, (cir. 1890). [Note woman-mourner in centre with clay head-covering].



fig. b. Port Blair "Home" inmates, 1901.



Photo by Bourne & Shepherd, Calcutta.

fig. a. Types of the early inmates of the "Home" at Port Blair. (cir. 1880).



fig. b. Group taken in 1875-6 at Port Blair. The majority are smeared with either clay or red oxide of iron pigments. (See Paint, items 4 & 5, p. 99 and App. Xiii).



2

CENTRAL ARCHAEOLOGICAL LIBRARY,
NEW DELHI
Borrower's Record.

Catalogue No.
891.05/I.A.-5820

Author—

Title— Indian Antiquary.
Vol. 51.

Lorrower No.	Date of Issue	Date of Return
Dr. D. R. Patel	26-12-58	26-12-58
Dr. D. R. Patel	1-1-60	3-2-60

"A book that is shut is but a block"

CENTRAL ARCHAEOLOGICAL LIBRARY
GOVT. OF INDIA
Department of Archaeology
NEW DELHI.

Please help us to keep the book
clean and moving.

S. B. 148. N. DELHI.